

GRAIN DEALERS' JOURNAL

Published on the 10th and 25th of each month in the interest of progressive Grain Dealers.

Vol. XXI. No. 7.

CHICAGO, ILL., OCTOBER 10, 1908.

TEN CENTS PER COPY.
PRICE \$1.50 PER YEAR.

August Ferger & Co.

COMMISSION

GRAIN - HAY - MILLFEED

CORRESPONDENCE SOLICITED

18 E. 4th Street CINCINNATI, O.

Babcock & Hopkins

Shippers of

CORN RYE

OATS White and Mixed

Clipped and Natural

Rensselaer, Ind.

R. S. McCague

Buyer and Receiver of

CORN HAY OATS

If you wish our 245-244 Grain Exchange Bldg.
card bids write for them. PITTSBURG, PA.

Established 1875

P. B. & C. C. MILES

Grain Commission Merchants

Rooms 36 and 37 Chamber of Commerce

PEORIA, ILL.

Consignments Have Personal Attention

ESTABLISHED 1880

JAMES E. BENNETT

Thos. Bennett & Co.

GRAIN COMMISSION

CHICAGO

Consignments and Future Orders Solicited

Tyng, Hall & Co.

GRAIN COMMISSION

Correspondence Solicited

Peoria, Ill.

CLARK FAGG

A. K. TAYLOR

FAGG & TAYLOR

Grain Merchants

BARLEY MILWAUKEE

Established 1883

PITT BROS. & CO.

GRAIN

305-307-309 Chamber of Commerce

BALTIMORE, MD.

Liberal advancements on all shipments. We guarantee best results on consignments.



Wheat Corn Rye

J. A. Manger & Co.

216-218 Chamber of Commerce

BALTIMORE

MARYLAND

BANK OF BUFFALO

BUFFALO, N. Y.

CAPITAL AND SURPLUS
\$1,000,000.00

We give special attention to
GRAIN DRAFTS.

DUDLEY M. IRWIN

BARLEY

1117 Chamber of Commerce Building,
BUFFALO, N. Y.

Complete Grain Handling Equipments

We are manufacturers of and can furnish promptly whatever may be required for the economical and efficient handling of material in large or small elevators.

We have our own foundry, machine shop, and sheet metal department. We are headquarters for general supplies.

H. W. Caldwell & Son Co. Western Ave. Chicago
17th - 18th St.

New York City, Fulton Bldg., Hudson Terminal, 50 Church St.

Directory of the Grain Trade

*Member Grain Dealers National Association.

AMARILLO, TEX.

Marly Grain & Hay Co., wholesale grain, hay, seed.

ATCHISON, KANS.

Blair Mfg. Co., sellers of feed from grain products.
Cora Belt Grain Co., recvr., and shippers of grain.

ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.*

BALTIMORE, MD.

Baltimore Commission Co., grain, commission.
Blackburn & Co., C. P., grain recvr., exporters.*
Clark & Sons, Thos. S., grain receivers.*
England & Co., Chas., grain, hay.*
Fahay & Co., John T., grain receivers and expts.*
Hammond, Snyder & Co., receivers, exporters.*
Hax & Co., G. A., grain, hay, seeds.*
Johnston Co., Thos., grain receivers.*
Kilwan Bros. Grain Co., grain and hay.*
Lederer Bros., grain receivers.*
Manger & Co., J. A., grain, seeds, hay.*
Muller Co., Louis, receivers and exporters.*
Pitt Bros. & Co., receivers and exporters.*
Richards, E. F., & Co., grain commission.
Robinson & Jackson, grain receivers.*

BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.*

BINGHAMTON, N. Y.

Empire Grain & Eltr. Co., grain, feed shippers.

BLOOMINGTON, ILL.

Baldwin-Walker-Tankersley Co., brokers, car lots.

BOSTON, MASS.

Phelps Bros., grain, hay, straw.
Ranlet Co., The D. W., grain and millfeed.
Soper & Co., J. E., wheat, corn, oats.

BROOKLYN, N. Y.

Brooklyn Elevator and Mfg. Co., grain and feed.

BUFFALO, N. Y.

Alder & Stofor, grain commission.
Buffalo Cereal Co., grain.*
Burns-Yantis Grain Co., grain commission.*
Churchill Grain & Seed Co., buyers, shippers.
Electric Grain Elevator Co., grain buyers.*
Gallagher, Wm. B., salvage grain.
Gisel & Co., Geo. H., grain, millfeed.
Globe Elevator Co., grain commission.
Heathfield, W. G., strictly commission.
Irwin, Dudley M., barley.*
Pratt & Co., grain commission.
Ratcliffe, S. M., grain and hay.
Rubins Bros., grain receivers and shippers.*
Strickland, J. D., grain commission.
Townsend-Vard, Co., grain commission.
Waters, Henry D., grain commission.
Woblers Grain Co., grain, millfeed.

CAIRO, ILL.

Antrim & Co., H. S., grain and hay.*
Cairo Milling Co., buyers of wheat.
Cunningham, Chas., grain receiver and shipper.
Halliday Milling Co., H. L., grain.*
Redman, Magee & Co., grain.*
Thistlewood & Co., grain and hay.

CEDAR RAPIDS, IOWA.

Jackson Grain Co., grain buyers, shippers.
White Cereal Co., T. G., wheat wanted.

CHATTANOOGA, TENN.

Baird Co., C. R., grain, hay and cow peas.
Cook & Ballard, brokers.
Shelton Grain & Feed Co., grain, hay, feed.
Thomasson, J. T., corn, wheat, oats, cowpeas.

CHICAGO, ILL.

Anderson & Co., W. P., grain commission.*
Armour Grain Co., grain buyers.*
Armstrong, B. S., grain commission.
Bailey & Co., E. W., grain commission's merchants.*
Bennett & Co., Thos., receivers, shippers.*
Bentley, C. S., grain commission.
Bogert, Malby & Co., commission merchants.*
Burns-Yantis Grain Co., receivers, shippers.
Cooke, M. E., grain commission merchant.
Crighton & Co., grain commission.*
Dickinson Co., The Albert, seeds.

CHICAGO—Continued.

Dole & Co., J. H., grain and seeds.*
Doyle Bros., hay and grain.
Elmore, E. W., grain buyer, shipper.
Ervin & Co., W. C., grain buyers and shippers.*
Finney, Sam., commission.*
Fraser Co., W. A., grain commission.*
Freeman Bros. & Co., grain, hay, straw.
Gerstenberg & Co., grain, seeds.*
Hately Bros., grain and provisions.
Hooper Grain Co., receivers, shippers.*
Hunter, W. W. & O. L., grain and feed.*
Lake & Co., W. H., commission receivers.
Lamson Bros. & Co., consignments solicited.*
Lynch & McKee Co., grain commission.
McKenna & Rodgers, grain and commission.
Merchants Grain Co., commission merchants.*
Merritt & Co., W. H., grain, seeds.*
Norris & Company, grain merchants.
Paynter, H. M., grain commission.*
Peavey Grain Co., receivers, shippers.*
Perrine & Co., W. H., grain and commission.
Pringle, Fitch & Co., W. K. Mitchell, Mgr.*
Rang & Son, Henry, barley specialists.
Requa Brothers, grain commission.*
Rogers & Bro., H. W., grain and seeds.*
Rogers Grain Co., buyers and shippers.
Rosenbaum Bros., receivers, shippers.*
Rumsey & Company, grain commission.*
Sawers, A. R., grain commission.*
Schiffelin & Co., P. H., commission.*
Shaffer & Co., J. C., buyers and shippers.*
Somers, Jones & Co., grain and feed seeds.
Sincere & Co., Chas., N. Y. stocks, Chicago grain.
Thayer & Co., Clarence H., commission.*
Wagner, E. W., receiver and shipper.*
Walters Bros., grain, hay, seeds.
Ware & Leland, grain, seeds.*
Wells & Co., T. E., grain commission.*
Winans, F. E., grain and seeds.*
Wright & Co., John F., grain commission.
Young & Co., grain commission.

CINCINNATI, O.

Allen & Munson, grain, hay, flour.*
Brown & Co., H. W., grain and hay.*
Brown & Co., W. L., receivers and shippers.
Early & Daniel Co., grain and hay.*
Ellis & Fleming, grain and hay.*
Ferguson & Co., August, grain, hay, millfeed.*
Interstate Grain Co., receivers and shippers.*
Standard Hay & Grain Co., grain commission.*
Union Grain & Hay Co., grain and hay.*
Weidner Co., The Sam. W., grain, hay, flour.*

CLEVELAND, O.

Abel Bros., hay and grain.
Bailey, E. I., grain and millfeed.*
Bennett, Walter A., grain, hay, millfeed.
Cleveland Grain Co., The, receivers and shippers.*
Schmitt, H., grain, hay, straw.*
Sheets Bros. Eltr. Co., The, grain, hay, straw.
Star Eltr. Co., receivers grain, hay, straw.
Strauss & Co., H. M., grain, seeds, hay.*
Union Elevator Co., grain, hay, straw.
Williams Grain Co., The Edward A., recvr., shprs

COLORADO SPRINGS, COLO.

Seldomridge Grain Co., grain dealers.

COLUMBUS, O.

McAllister & Co., Jas. P., grain and hay.
McCord & Kelley, grain and hay.*
Scott & Woodrow, grain and hay.
Seeds Grain & Hay Co., grain and hay.*

CRAWFORDSVILLE, IND.

Crabbs-Reynolds-Taylor Co., grain, seeds.*

DAVENPORT, IOWA.

Rothschild Grain Co., D., grain merchants.*

DECATUR, ILL.

Baldwin & Co., H. I., grain dealers.*
Dumont, Roberts & Co., grain.

DENVER, COLO.

Ady & Crowe Mercantile Co., grain, hay.*
Ayres Merc. Co., The F. C., grain and hay.
Best & Co., J. D., grain and hay.
Cash Commission Co., grain and hay.
Crescent Mill & Eltr. Co., flour and grain.
Empire Feed & Fuel Co., hay and grain.
Harrington-Plumer Merc. Co., grain and hay.
Hungarian M. & E. Co., hay and grain.
Longmont Farmers Mill & Eltr. Co., flour, grain.
Thompson Merc. Co., W. F., hay and grain.

DETROIT, MICH.

Carson, Craig & Co., commission merchants.
Dumont, Roberts & Co., receivers, shippers.
Lapham & Co., J. S., recvr., & shippers of grain.

DULUTH, MINN.

Rich., J. S., dealer in grain, flour, millstuffs.

ENID, OKLA.

The Enid Wholesale Grain Co., grain.

FAIRBURY, ILL.

Keller, Emil, grain broker and track buyer.

FORT WORTH, TEXAS.

Kolp, E. R. & D. C., millers, grain, seed dealers.

GALVESTON, TEX.

Fordtran, J. S., grain commission merchant.
Jockusch, Davidson & Co., grain, hay exporters.
Wisnott Grain Co., wholesale grain eltr. facilities

GREENVILLE, O.

Grabbs Grain Co., M. A., track buyers.*

HARRISBURG, PA.

Harrisburg Feed & Grain Co., grain, feed, hay.*

HOUSTON, TEX.

Ervine & Co., J. E., grain, hay receivers.
South Texas Grain Co., wholesale grain dealers.

INDIANAPOLIS, IND.

Bassett Grain Co., The, grain and commission.*
Bradford-Flies-Thomson Co., grain, hay, feed.
Cooper & Oddy, grain and hay commission.
Finch & McComb, grain commission.
Jordan & Montgomery, grain and commission.
Kinney, H. E., receiver and shipper.*
Riley & Co., W. J., grain and feed.
Shotwell, C. A., grain, flour, commission.
Star Elevator Co., grain and hay commission.
White Bros. Grain Co., grain and commission.

JACKSON, MICH.

McLaughlin, Ward & Co., grain and seeds.
Stockbridge Elevator Co., grain, beans, hay.*

JACKSONVILLE, FLA.

Browder & Haym, brokers, grain, hay.
Southgate & Co., T. S., grain and hay.

KANSAS CITY, MO.

Adams Grain Co., Geo. A., commission.*
Beach-Keever Grain Co., grain receivers.
Bragg, E. O., grain commission merchant.
Davis & Co., A. C., grain commission.
Ernst-Davis Grain Co., grain, flour, millfeed.
Fowler Commission Co., receivers and shippers.
Goffe & Carkner, recvr., and shprs. of grain.*
Hinds & Lint Grain Co., receivers, shippers.*
Missouri Grain Co., grain receivers.
Moore-Lawless Grain Co., grain receivers.
Moss Grain Co., barley a specialty.
Norris Grain Company, commission, recvr., shprs.
Pearson-Lathrop Grain Co., commission merchants.
Roshen-Carey Grain Co., grain, flour, millfeed.
Shmonds-Shields Grain Co., grain and seeds.
Smith & Son, J. Sidney, receivers, shippers.
Steele & Co., H. H., grain and seeds.
Treshner Fuller Grain Co., grain commission.
Tomlin Grain Co., J. B., hard corn.
Vanderslice-Lynde Co., grain commission.
Waldron Grain Co., receivers and shippers.

KENTLAND, IND.

McCray, Morrison & Co., track buyers.*

KNOXVILLE, TENN.

East Tenn. Feed Co., recvr., shprs, hay, grain, feed.
Prosser, Brown, broker.

LA FAYETTE, IND.

Heinmiller, F. G., grain shipper.

LEXINGTON, KY.

Brent, Inc., C. S., grain and seeds.
Frost, David C., grain, seeds and hay.

LOUISVILLE, KY.

Bingham-Hewitt Grain Co., recvr., & shprs. grain.*
Brandeis & Son, A., receivers and shippers.*
Callahan & Sons, electric eltr. recvr., of grain.*
Edinger & Co., grain, hay, flour.
Farmer & Sons, Ocar, hay and grain.
Schuff & Co., A. C., grain and hay.*
Thomson & Co., W. A., grain receiver.
Verhoeff & Co., H., receivers and shippers grain.*
Zorn & Co., S., grain.*

Directory of the Grain Trade

*Member Grain Dealers National Association.

LYNCHBURG, VA.

Peters, McHenry, grain and hay broker.

MEMPHIS, TENN.

Brodie & Co., F. W., cottonseed meal.
Buchanan & Co., R. B., grain, hay, feed.*
Clark, Burke & Co., grain and hay commission.
Davis & Andrews Co., grain dealers.*
Edgar Grain Co., J. B., receivers and shippers.*
Hasenwinkle Co., H. J., grain and hay.*
Jones & Rogers, grain dealers.*
McLaughlin Coal & Grain Co., grain and hay.*
Pease & Dwyer Co., receivers and shippers.*
Wade & Sons, John, grain and hay commission.*
Webb & Maury, grain and hay.*
Wyatt, E. W., broker, grain and millfeed.

MIDDLEPOINT, O.

Pollock, H. G., track buyer, ear corn a specialty.

MILWAUKEE, WIS.

Bell & Co., W. M., grain and seeds.
Bartlett & Son Co., L., grain commission.*
Donohue, P. F., grain, feed, mlg. wheat a spity.
Fagg & Taylor, grain merchants.
Hottelet Co., barley, rye and feed.
Jahns, Jr., Co., H., commission grain, hay, feed.
Kamm & Co., P. C., barley and rye.*
Lawrence Grain Co., brokers, grain, feed.
Lull & Co., Chas. B., grain commission.*
Wisbeck & Co., Henry, grain recvs. and shippers

MINNEAPOLIS, MINN.

Brown & Co., E. A., commission.
Cargill Commission Co., grain commission.
Cooper Commission Co., receivers, shippers.
Davies & Co., F. M., grain commission.
Getchell-Tanton Co., grain commission.
Ingold, P. M., grain commission merchant.
McDonald & Wyman, grain commission.
Minnesota Grain Co., grain commission.*
McIntyre-Frelich Co., grain commission.
McGuire-Atwood Co., grain commission.
Randall, Gee & Mitchell, grain commission.
Van Dusen-Harrington Co., commission.*
Welch Co., E. L., grain commission.

MONTGOMERY, ALA.

United Selling Co., Inc., wholesale brokers.*

NASHVILLE, TENN.

Harsh & Co., Alex. O., receivers and shippers.
Hughes Warehouse & Etr. Co., grain.
Kendrick-Roan Grain Co., receivers, shippers.
McLemore Grain Co., grain.*
Miller & Co., grain commission.*
Wilkes & Co., J. H., recvrs and shprs grain, hay.*

NEWARK N. J.

Dey, Leslie G., grain receiver.
Smith & Wallace Co., J. C., recvrs., shippers.

NEW ORLEANS, LA.

Barr, R. J., export grain broker, forwarding agt.
Leonhardt & Co., A. F., grain and hay.*

NEW YORK CITY.

Bradshaw Co., popcorn and cereals.
Cushing & Brandt, grain and cotton seed oil.*
Forbell & Kipp, grain commission.*
Morris & Co., Chas. B., grain, feed, hay.
Jones & Morey Co., grain brokers.*

NEW YORK CITY Continued.

Keusch, Otto, off grade grain, grain brokers.*
Reinhardt & Co., Geo. N., grain and hay.
Rubins Bros., grain commission.*

NORFOLK, VA.

Powers, L. W., corn, oats, hay, feed broker.

OKLAHOMA CITY, OKLA.

Clark Grn. Co., H. C., grain commission.
Kolp, E. R. & D. C., millers, grain, seed dealers.

OMAHA, NEB.

Bewsher Co., The, grain receivers.
Clavers Elevator Co., receivers and shippers.
Chambers, W. H., grain broker.*
Conrad, J. H., grain, established 1884.
Huntley, E. E., grain commission.
Johnson & Co., Geo. C., commission merchants.
Lyons & Son, Geo. H., receivers and shippers.
Nebraska Hay & Grain Co., gen. grain dealers.
Thompson Grain Co., grain dealers.
Transmississippi Grain Co., receivers and shippers.
Uplike Grain Co., grain dealers.
Weekes Grain & L. S. Co., commission merchants

PEORIA, ILL.

Bartlett Company, S. C., grain commission.*
Grier & Co., T. A., grain commission.*
Miles, P. B., & C. O., grain commission.*
Mills Bros., grain commission.
Roberts, Moschel & Mosheim, grain commission.*
Tyne, Hall & Co., grain commission.*
Van Tassell Grain Co., receivers, shippers.*

PHILADELPHIA, PA.

Baringer, M. F., grain and mill feed.*
Clevenger, S. J., buyer and commission.
Delp & Co., Edmund B., grain receivers.*
Dunwoody Co., Ed., flour, grain, feed.*
Miller & Sons, L. F., grain, seeds, hay.*
Pultz & Co., J. B., grain and feed.
Richardson Bros., grain, flour, millfeeds.
Rogers & Co., E. L., grain, hay.*
Stites, A. Judson, grain and millfeed.
Walton Bros., grain and feed.*
Warr & Canby, grain, flour, feed.
Woolman & Co., S. C., receivers and shippers.*

PIQUA, OHIO.

Kress, Harry W., track buyer grain, hay, straw.*

PITTSBURG, PA.

Elwood & Co., R. D., hay and grain.
Foster, C. A., grain, hay, feed.*
Geldel & Dickson, grain and hay.
Graham & Son, Jas., grain, hay, millfeed.
Herb Bros., & Martin, grain, hay, feed.
McCaffrey's Sons Co., Daniel, grain, hay.*
McCague, R. S., grain, hay.*
Morgan & Co., H. G., ear corn and hay.*
Morton Grain & Hay Co., grain, hay, feed.
Stewart, D. G., & Geldel, grain, hay, feed.*

PORTLAND ME.

Merrill, Edward P., grain broker.

RENSSELAER, IND.

Babcock & Hopkins, grain shippers.

RICHMOND, VA.

Beveridge & Co., S. T., grain, hay, seeds.*
Bragg, W. G., wholesale broker, grain, hay, feed.
Fairbank & Co., S. G., grain, hay, seeds.

SAGINAW, MICH.

Carr Co., The H. W., shprs. oats, rye, hay.

SAVANNAH, GA.

Browder & Haym, brokers, grain, hay.

SIDNEY, OHIO.

Wells & Co., J. E., track buyers, grain, seeds.

SIOUX CITY, IOWA.

Shepherdson Co., M. T., grain dealers.

ST. JOSEPH, MO.

Elwood Grain Co., grain merchants.
Frederick Grn. Co., J. L., recvrs. shprs, grain, hay
Gordon, T. P., grain dealer and broker.*

ST. LOUIS, MO.

Byrne & Co., Daniel P., grain, hay, seeds.*
Connor Bros. & Co., grain commission.*
Easton, McCellan & Co., grain commission.*
Goffe & Carlsner Co., grain commission.
Green Com. Co., W. L., grain.*
Mullally Com. Co., John, grain, hay, seeds.*
Nasson Commission Co., grain commission.*
Orthwein Grain Co., Wm. D., grain.
Picker & Bardsley, grain and grass seed.*
Seele Brothers Grain Co., grain.
Slack-Fuller Grain Co., grain commission.

SPRINGFIELD, ILL.

Brathnerd, James L., grain buyer and shipper.

TERRE HAUTE, IND.

Bartlett, Kuhn & Co., receivers and shippers.*

TOLEDO, O.

Barnes Grain & Comsn. Co., grain, seeds, hay.
Coon Grain Co., The, J. J., grain and seeds.*
DeVore & Co., H. W., grain, seeds, millfeed.*
Goemman Grain Co., grain buyers.*
King & Co., C. A., grain, clover seed.*
McCabe Grain Co., grain and seeds.
Merrell Co., The, seeds only.
Morehouse & Co., W. H., grain and seeds.
National Milling Co., cash buyers wheat.*
Paddock-Hodge Co., The, grain, seeds.*
Reynolds Bros., grain and seeds.*
Rundell & Co., W. A., grain, seeds.*
Southworth & Co., grain commission.*
The Toledo Field Seed Co., clover, timothy.
The Toledo Salvage Co., salvage grain.
Wickenheiser & Co., John, grain, millfeed.*
Zahn & Co., J. F., grain, seeds.*

TOPEKA, KAN.

Gall, J. E., strictly commission business.
Jolley & Blanchard, grain merchants.

VERNON, TEX.

Texas-Oklahoma Grain Co., grain, seeds, hay.

WEST CHESTER, PA.

King, Jas. L., shipper grain and feed.*

WICHITA, KANS.

Gaunt Grain Co., The C. B., grain, seeds.
Kolp, E. R. & D. C., millers, grain, seed dealers.
Norris Grain Company, commission, recvrs., shprs.
Robb, J. C., milling wheat and consignments.
Thompson, H. C., alfalfa meal.
Tri State Grain Co., grain, seeds, feed.

WINNIPEG CAN.

Norris & Company, grain merchants.

NEW YORK PRODUCE EXCHANGE MEMBERS

FORBELL & KIPP
COMMISSION MERCHANTS
GRAIN, MILL FEEDS, HAY
OATS A SPECIALTY
Consignments Solicited

342 Produce Exchange, NEW YORK CITY

RUBINS BROS.
GRAIN

305 Produce Exchange, NEW YORK

CUSHING & BRANDT
COMMISSION MERCHANTS
Grain and Cotton Seed Oil

Liberal Advances on Consignments

C. I. F. GRAIN BROKERS

424 Produce Exchange, NEW YORK

MEMBERS—New York Produce Exchange
Chicago Board of Trade
Minneapolis Chamber of Commerce
St. Louis Merchants Exchange
Grain Dealers National Ass'n.

Chas. B. Morris Established 1870 Chas. J. Leward
CHAS. B. MORRIS & CO.
GRAIN, FEED, HAY AND STRAW
Foot 131st Street, HUDSON RIVER, N.Y.
Storage capacity, 125 Cars. Liberal advances
made on all consignments. Members N. Y. Pro-
duce Exchange and National Hay Association.

M. B. Jones, Pres. L. A. Morey, Treas.
H. B. Smith, V.-Pres. A. F. Therrien, Sec'y

JONES & MOREY CO.
Commission Merchants
Grain Brokers

NEW YORK CHICAGO
Produce Exchange Board of Trade

KANSAS CITY BOARD OF TRADE MEMBERS**GEO. A. ADAMS GRAIN CO.**

Good Milling Wheat
Our Specialty

Orders Executed in Futures on all Exchanges
Board of Trade, Kansas City Mo.

H. H. STEELE & CO.

GRAIN COMMISSION MERCHANTS

Consignments and future orders solicited.
KANSAS CITY, MO.

Kay H. Beach. Robinson's Cipher. M. L. Keever

**BEACH-KEEVER
GRAIN COMPANY**

Try us with consignments of grain.
We also handle options.
344 Board of Trade, Kansas City, Mo.

Vanderslice-Lynds Company
GRAIN
COMMISSION MERCHANTS
KANSAS CITY, MO.

E. O. BRAGG

GRAIN COMMISSION MERCHANT

Have had years of experience in selling grain,
know how to get top prices. Your interests
guarded at every turn. Try me on your next
shipment.
Exchange Building, Kansas City, Mo.

If you want the best possible
service consign your grain
and send your orders for
Futures to

ERNST-DAVIS GRAIN CO.

KANSAS CITY, MO.

{ Kansas City Board of Trade,
Members: Chicago Board of Trade,
St. Louis Merchants' Exchange.

PEIRSON-LATHROP GRAIN CO.

Kansas City
Handle

Consignments Option Trades
Mill Orders Kaffir Corn

WALDRON GRAIN CO.

Commission Merchants

Years of experience enables us to give compe-
tent service in the filling of all orders.

Board of Trade, Kansas City, Mo.

J. SIDNEY SMITH

PERRY C. SMITH

J. SIDNEY SMITH & SON

KANSAS CITY, MISSOURI

GRAIN SHIPPERS
AND EXPORTERS

Branch Offices:

Wichita, Kans. . . . David Heenan, Mgr.
Oklahoma City, Okla., A. R. Reinertson, Mgr.
Galveston, Tex.

R. J. THRESHER, Pres.

L. A. FULLER, Secy.

Thresher Fuller Grain Co.

Grain Commission Merchants

Consignments Solicited

Grain Bought and Sold for Future Delivery
310-311 Board of Trade, KANSAS CITY, MO.

A. C. DAVIS & CO.

Grain Commission
Mill orders a specialty

Consignments and Future Orders Solicited
KANSAS CITY, U. S. A.

The Only Way to Hear

the band is to keep up with the procession.

THEN

consign your grain to

MISSOURI GRAIN CO.

227 Board of Trade. KANSAS CITY

GOFFE & CARKENER

GRAIN COMMISSION
KANSAS CITY MO.

A Good Firm To Consign To.

A GOOD IDEA

is to let a strictly commission house handle your consignments and] futures.
We have the facilities to take care of your account.

MOORE-LAWLESS GRAIN COMPANY, Kansas City, Mo.

VEST POCKET GRAIN TABLES

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000.
It is printed on ledger paper in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions: Oats at 22 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in heavy manila and form a thin book 2½-in wide by 8½-in long. Price 50 Cts. Address
GRAIN DEALERS JOURNAL, 255 La Salle Street, CHICAGO, ILL.

MOSS GRAIN CO.

Consignments and
Future Orders Solicited

MEMBERS:

KANSAS CITY AND CHICAGO
BOARDS OF TRADE

Established in the Kansas City
Grain Trade for more than
a Quarter of a Century

OMAHA BOARD OF TRADE MEMBERS**WEEKES GRAIN & LIVE STOCK CO.**

(Inc.)
General Commission Merchants

CONSIGNMENTS SOLICITED
MILLING WHEAT A SPECIALTY
Track bids made. Correspondence Solicited
OMAHA, NEB.

**E. E. HUNTLEY
Grain Commission Merchant**

CONSIGNMENTS AND
CORRESPONDENCE SOLICITED

Brandeis Building Omaha, Neb

**The Updike Grain Company
OMAHA, NEB.**

All Kinds of Grain for Sale
Originating all grain at 100
country elevators in Nebraska
ASK FOR PRICES

**CAVERS ELEVATOR COMPANY
OMAHA, NEB.**

GRAIN BOUGHT AND SOLD
CONSIGNMENTS SOLICITED

Write or phone us for prices on WHEAT, OATS,
CORN, BARLEY, RYE or MILL-FEED.

CLARK'S CAR REGISTER

Shows at a glance where to look for the
record of any car of grain. It is made of
heavy ledger paper, is well bound and
indexed. Size 11x14½ in.

No. 40 contains spaces for 9,000 cars, \$1.50
No. 42 contains spaces for 17,000 cars, 2.50
GRAIN DEALERS JOURNAL
255 La Salle Street Chicago

Geo. C. Johnson & Co.

General Commission Merchants

Consignments Our Specialty

Brandeis Bldg., OMAHA, NEB.

BUFFALO CORN EXCHANGE MEMBERS

W. W. Alder

T. J. Stofer

ALDER & STOFER
Commission Merchants

We do not buy any grain, but handle on commission and solicit your Buffalo consignments

833 Chamber of Commerce

BUFFALO
NEW YORK
Henry D. Waters
GRAIN COMMISSION MERCHANT
CONSIGNMENTS SOLICITED

54 Board of Trade, BUFFALO, N.Y.

Green Pea Screenings

Send samples and quote price in car lots and less than car lots.

BUFFALO CEREAL CO., Buffalo, N. Y.
CONSIGN
YOUR GRAIN TO
The Churchill Grain & Seed Company
BUFFALO, N. Y.
REMEMBER

When making consignments to Buffalo, that I do a

STRICTLY COMMISSION BUSINESS
W. G. HEATHFIELD
Member of Corn Exchange **BUFFALO, N. Y.**
PRATT & CO.
Grain Commission Merchants

Correspondence Solicited

76 and 77 Board of Trade

BUFFALO, N. Y.

THE rapid growth of our business is good evidence of the satisfactory results produced for our shippers. Let us have a trial shipment.

THE TOWNSEND-WARD CO. :: GRAIN COMMISSION
Chamber of Commerce, Buffalo, N. Y.

GEO. G. GISEL

WARD G. BROOKS

GEO. H. GISEL & CO.

Receivers and Shippers of

GRAIN AND MILLFEED

Correspondence and Consignments Solicited.

Members of Buffalo Chamber of Commerce (Corn Exchange of Buffalo)

717 Chamber of Commerce, **BUFFALO, N. Y.**
The Electric Grain Elevator Co.

Receivers and Shippers of

GRAIN, MILL FEEDS AND HAY

Correspondence and Consignments Solicited

321 Chamber of Commerce, **BUFFALO, N. Y.**
RUBINS BROS.
Grain and Commission Merchants

218 and 222 Chamber of Commerce, **BUFFALO, N. Y.**

O. A. BRUSO, Manager

Member of all the principal Exchanges

Consignments Solicited

New York Office 305 Produce Exchange

Wohlers Grain Co.
GRAIN and MILLFEED
CONSIGNMENTS SOLICITED
BUFFALO :: NEW YORK
Gold Bricks of Speculation

By John Hill, Jr.

A 500 page book, copiously illustrated, exposing market prognosticators, bucket shops and get-rich-quick schemes, and their methods of swindling the unposted public. It has received much favorable comment from the press throughout the country and should be read by all who are desirous of avoiding throwing their money into the laps of fakers. Mr. Hill has handled the matter without gloves and gives the names of many of the illegitimate concerns. It enables the reader to distinguish between legitimate speculation and gambling and is worth its price many times over. Price, postpaid, \$2.18.

GRAIN DEALERS JOURNAL

255 LaSalle St.,

Chicago, Ill.

BURNS-YANTIS GRAIN COMPANY
BUFFALO, N. Y.—CHICAGO, ILL.

Succeeding

BURNS GRAIN CO. and S. W. YANTIS
RECEIVERS AND SHIPPERS OF
GRAIN AND GRAIN PRODUCTS

Operating Steel Elevator at Hammond, Ind. Storage Capacity 500,000 Bushels,

Handling Capacity 75 cars daily.

BALTIMORE CHAMBER OF COMMERCE MEMBERS

Thos. Johnston Co.
GRAIN

Receivers and Shippers. Consignments Solicited.

204 Marine Bank Bldg., **BALTIMORE, MD.**

Established 1882

G. A. HAX & CO.
COMMISSION
Grain, Hay and Seeds

445 North Street, **BALTIMORE, MD.**
CHAS. ENGLAND & CO.
Commission Merchants
GRAIN :: HAY :: SEEDS

308-310 Chamber of Commerce, **BALTIMORE**

Louis Muller, Pres., John M. Dennis, Vice-Pres.
Ferdinand A. Meyer, Treas.

Thos. C. Craft, Jr., Asst. Treas.

LOUIS MÜLLER CO.
Grain Receivers and Exporters
BALTIMORE, MD.
CIFER CODES

We carry the following cifer codes in stock and can make prompt delivery.

Robinson's Cifer Code, leather	-	-	2.00
Hay and Grain Cifer Code	-	-	1.00
A. B. C. Code, 5th Edition	-	-	7.00
Baltimore Export Cable Code	-	-	8.00
Companion Cable Code	-	-	5.00
Riverside Code, 5th Edition	-	-	3.00
U. S. Cifer Code	-	-	3.00
American Seed Trade Assn.'s Code	-	-	2.00
Stewarts International Code	-	-	.25

For any of the above, address

GRAIN DEALERS JOURNAL,

255 La Salle St.,

CHICAGO, ILL.
JOHN T. FAHEY & CO.
GRAIN RECEIVERS AND EXPORTERS

We are in the market every day. Correspondence Solicited.

BALTIMORE, MARYLAND
Robinson's Cipher Code

(REVISED)

Bound in leather, gilt edges, \$2.00

Your name in gilt letters on front cover

25 cents extra.

GRAIN DEALERS JOURNAL

255 La Salle Street

CHICAGO
E. F. RICHARDS & CO.

Off Grade Grain a Specialty.

GRAIN COMMISSION

Consignments Solicited.

515 Chamber of Commerce, **BALTIMORE, MD.**

CHICAGO BOARD OF TRADE MEMBERS

PHILIP H. SCHIFFLIN
President

EUGENE SCHIFFLIN
Sec'y and Treas.

Philip H. Schifflin & Co.
(INCORPORATED)

Commission Merchants
GRAIN, SEEDS and PROVISIONS

515-518 Postal Telegraph Bldg.
Tel. Harrison 833. CHICAGO, ILL.

W. H. LAKE & CO.
Commission Merchants
GRAIN AND PROVISIONS

50 BOARD OF TRADE CHICAGO
206 Chamber of Commerce, St. Louis

MEMBERS

Chicago Board of Trade
New York Produce Exchange
St. Louis Merchants Exchange
Baltimore Chamber of Commerce
Minneapolis Chamber of Commerce

GEO. S. DOLE, Pres. H. N. SAGER, Sec.

J. H. DOLE & CO.
(ESTABLISHED 1852)

COMMISSION MERCHANTS
GRAIN AND SEEDS

We solicit your
CONSIGNMENTS
and orders in futures.

226 La Salle St., CHICAGO

MINNEAPOLIS MILWAUKEE

W. A. FRASER CO.

Consignments and
Future Delivery Orders Solicited
714-715 Royal Ins. Bldg. CHICAGO

FREEMAN BROS. & CO.

COMMISSION
MERCHANTS

GRAIN HAY STRAW

66 BOARD OF TRADE, CHICAGO
Orders for the purchase and sale of grain for future delivery
executed

BUFFALO ALBANY BOSTON

E. W. ELMORE

Grain Receiver and Shipper
Operating the Interior Elevator at South
Bend, Ind.

323-5 Postal Telegraph Building, CHICAGO

Lamson Bros. & Co.

ESTABLISHED 1874

Commission Merchants

**Grain Consignments
Solicited**

Also future delivery orders on all ex-
changes.

Grain—Provisions—Stocks—Cotton

6 Board of Trade CHICAGO

LAVERNE A. LEWELLYN PRESIDENT

MERCHANTS GRAIN CO.

TEL. HARRISON 6074

COMMISSION MERCHANTS
CHICAGO

74
BOARD OF
TRADE

REQUA BROTHERS
CHICAGO

Stands for Prompt Returns, undi-
vided attention to selling Consign-
ments. Give us a Trial.

FRANK E. GULICK,
Manager Rec. Dept.

It's as much our business to
GIVE SATISFACTION

as secure grain shipments. Try us.
CRIGHTON & CO.
Royal Insurance Bldg., Chicago

Members Chicago Board of Trade

John F. Wright & Co.

Commission Merchants
2 Sherman St., Chicago

Long Distance Phone Harrison 632
Accurate, prompt and intelligent execution
on everything intrusted to our care.

IT is easy enough to sell
grain in Chicago—for
something. It requires per-
sistence and personal atten-
tion to get the best results.
Are you with me?

B. S. ARMSTRONG

Postal Telegraph Chicago

T. E. WELLS & CO.

Commission

Grain—Seeds—Barley

Send orders. Ship your grain to strong
reliable people—any Chicago Banks for
reference. W. M. Timberlake with
twenty years' experience in the sample
markets will see that you get good
service.

1011-1017 Royal Insurance Bldg., Chicago

Clark's Car Load Grain Tables

SEVENTH EDITION.

REVISED AND ENLARGED

With these tables you can quickly check up all reductions and detect and prevent errors,
which in the car lot business are liable to run into the hundreds of bushels.

Largest and most complete car load reduction table ever published. Five new tables have
been added and a set of tables for Malt is included in this new edition. RANGE—Oats and Corton
Seed (32 lbs.), 7 tables, from 20,000 to 97,000 lbs. Malt (34 lbs.), 5 tables, from 20,000 to 75,000 lbs.
Barley, Buckwheat and Hungarian Grass Seed (45 lbs.), 7 tables, from 20,000 to 97,000 lbs. Corr.
Rye and Flax Seed (56 lbs.), 9 tables from 20,000 to 118,000 lbs. Wheat, Clover, Peas and Potatoes
(60 lbs.), 9 tables, from 20,000 to 118,000 lbs. The number of bushels in any weight of grain within
the numbers specified above are given in bold face type, the remaining pounds in light face type.
Pounds are printed in red and bushels in black.

PAPER—These tables are printed on durable heavy linen ledger paper and bound in leather
covers with marginal index.

Price, delivered, \$2.50

GRAIN DEALERS JOURNAL

255 La Salle Street,

Chicago, Illinois

YOUNG & CO.

Successors to

Young & Nichols

Grain

Commission Merchants

169 Jackson Blvd., CHICAGO, ILL.

CHICAGO BOARD OF TRADE MEMBERS

A. L. SOMERS
President

C. W. BUCKLEY
Sec. and Treas.

Somers, Jones & Co.
(Incorporated)

COMMISSION MERCHANTS
Grain and Field Seeds

Consign your grain and seeds to us for close personal attention and best possible results. Orders for future delivery receive careful attention. Send for our Market Letters.

82 Board of Trade, CHICAGO
Long Distance Telephone Harrison 3564

Rosenbaum Brothers

COMMISSION MERCHANTS

77 Board of Trade
CHICAGO

Consignments our Specialty
Orders for Future Delivery Carefully Executed
We Solicit Your Correspondence

Bogert, Maltby & Co.

COMMISSION MERCHANTS

Correspondence and Consignments Solicited.

Orders for future delivery carefully executed.

SCREENINGS AND MILL STUFF

306-308 Postal Telegraph Bldg.
CHICAGO



(For Quantities, Each Finger Represents 5000 Bushels)



No order too large for me to execute
or too small to be appreciated

**GRAIN
CONSIGNMENTS
A SPECIALTY**

Sam Finney

715 Board of Trade
CHICAGO

SEEDS
TIMOTHY FLAX CLOVER A SPECIALTY BARLEY OATS CORN

F. E. WINANS

Grain Commission Merchant
6 Sherman St., Chicago

J. K. HOOPER President ERVIN A. RICE Vice-Pres. E. G. BROWN Secy-Treas.

HOOPER GRAIN CO.

OAT SHIPPERS

Postal Telegraph Bldg., Chicago
Operate Atlantic Elevator and Grand Trunk Western Elevators, Chicago

ARMOUR GRAIN COMPANY
CONSIGNMENTS SOLICITED

We are Fully Equipped in Every Way to Give Best Service in Chicago
205 LA SALLE STREET CHICAGO

We are **BUYERS** and **SHIPPERS** of All Kinds of

GRAIN

CONSIGNMENTS AND TRADES IN FUTURES SOLICITED

J. C. SHAFFER & CO. 240 La Salle St., Chicago, Ill.

W. P. ANDERSON, Pres.

W. L. GREGSON, Secy.

W. P. ANDERSON & COMPANY

Consignments Solicited
GRAIN AND PROVISIONS

12 Sherman Street

CHICAGO, ILL.

Wheat Tables

On Cards

Clark's Wheat Tables for reducing wagon load weights to bushels reduce any number of pounds up to 4,000 to bushels of 60 pounds each. In addition to the regular reduction table, 4 dockage tables showing the dockage of any quantity up to 4,000 lbs., at 1, 2, 3 and 5 lb. dockage are given. Also a table for reducing any quantity of flaxseed, rye or shelled corn up to 4,000 lbs. to bushels of 56 lbs. Printed in two colors on heavy bristol board with eyelet to hang beside scale beam. These six tables will be sent, prepaid, for 50 cents.

GRAIN DEALERS CO., 255 La Salle Street, Chicago, Ill.

WRITE FOR OUR DAILY MARKET LETTER
J. H. WARE
E. F. LELAND

CONSIGN

Your Grain and Seeds and send your orders to

WARE & LELAND

400-410 Postal Telegraph Bldg.,
CHICAGO

For Grain and
Provisions

YOUR INTERESTS ARE OUR INTERESTS

CHICAGO BOARD OF TRADE MEMBERS

C. W. Rogers, Pres.
H. J. Hurlburt, Treas.
ROGERS GRAIN COMPANY
Buyers and Shippers of Grain
References: Corn Exchange Nat'l Bank
First National Bank
Main Office: 700, 701 & 718 Royal Insurance Building
CHICAGO

H. W. ROGERS J. C. ROGERS
H. W. ROGERS & BRO.
GRAIN, SEED AND PROVISIONS
COMMISSION MERCHANTS
700-701 Royal Insurance Bldg., CHICAGO

H. M. Paynter
GRAIN and FIELD SEEDS
700-701 ROYAL INSURANCE BLDG., CHICAGO
All business transacted through H. W. Rogers
& Bro. Correspondence solicited.

W. H. MERRITT & CO.
Grain Buyers and Shippers
CORRESPONDENCE SOLICITED
87 Board of Trade, CHICAGO, ILL.

Orders Executed
FOR
GRAIN and PROVISIONS
ON THE
Chicago Board of Trade
BY
HATELY BROS.
70 BOARD OF TRADE
186 EXCHANGE BLDG.
U. S. YARDS
Established 1879

WALTERS BROTHERS
INCORPORATED
Commission Merchants
Grain, Hay and Seeds
75 Board of Trade CHICAGO

W. H. PERRINE & CO.
COMMISSION MERCHANTS
Consignments a Specialty
338 Postal Telegraph Bldg., Chicago, Ill.

BUFFALO CHICAGO
BURNS-YANTIS GRAIN CO.
Receivers—Shippers
Operating Alliance Elevator at Hammond, Ind.
614-615 Western Union Bldg., Chicago

Grain Shippers

and in fact all grain men who are wide awake and on the alert to get onto all the ins and outs of the grain business, subscribe for and read the Grain Dealers Journal.

PRINGLE, FITCH & CO.
Solicit your cash consignments and future orders.
ROOM 1, BOARD OF TRADE
W. K. MITCHELL, Manager Cash Grain Dept.

C. H. Thayer & Co.
Your Consignments and Future Orders Solicited
Our untarnished record for over a quarter of a century, with conservative business methods and staying qualities, backed up with over \$100,000.00 capital certainly speaks for itself.
2 and 4 Sherman Street, CHICAGO

PITTSBURG GRAIN AND FLOUR EXCHANGE MEMBERS

HAY and GRAIN
We want to hear from shippers of Hay and Grain. Our direct service to large consumers in this district enables us to get top prices for good shipments. Liberal advancements to consignors.
DANIEL McCAFFREY'S SONS CO.
PITTSBURGH, PA.
Refs: Washington Nat'l Bank; Duquesne Nat'l Bank

H. G. MORGAN & CO.
Grain and Hay
PITTSBURGH, PA.
Ear Corn Wanted

JAMES GRAHAM ESTABLISHED 1866 S. C. GRAHAM
JAMES GRAHAM & SON
Capital, \$400,000.00
GRAIN, HAY AND MILL FEED
REFERENCES—First National Bank, Mellon National Bank, Bradstreet's and Dun's Mercantile Agencies
807 Westinghouse Building, PITTSBURGH, PA.

PHILADELPHIA COMMERCIAL EXCHANGE MEMBERS

S. J. CLEVINGER
Buyer and Commission
Grain, Feed, Hay, Straw
468 Bourse Building
Correspondence Solicited. PHILADELPHIA, PA.

EDMUND E. DELP & CO.
GRAIN AND HAY
453 BOURSE PHILADELPHIA

Established 1863
E. L. ROGERS & CO.
COMMISSION MERCHANTS
Grain, Hay, etc. Consignments a Specialty.
358 Bourse Building
PHILADELPHIA, PA.

L. F. MILLER & SONS
Receivers and Shippers of
GRAIN, FEED, SEEDS, HAY; ETC.
CONSIGNMENTS SOLICITED
Office 2931 N. Broad St., PHILADELPHIA, PA.
Elevator and Warehouse, Germantown Jet. P. R. R.



CORN and oats in split cars find a ready market here.

S. C. WOOLMAN & CO.
Receivers and Shippers
Grain, Hay, Mill Feed
Send for our Market Letter
PHILADELPHIA, PA.

M. F. BARINGER THE BOURSE 502-3-4 **PHILADELPHIA**

The grain trade's accepted medium for "Wanted" and "For Sale" ads. is the GRAIN DEALERS JOURNAL of Chicago, because such ads. placed in it bring quick returns.

ST. LOUIS MERCHANTS EXCHANGE MEMBERS

NANSON COMMISSION CO.

GRAIN, HAY and SEEDS

202 Chamber of Commerce, ST. LOUIS, MO.

John Mullally, Pres. Martin J. Mullally, V-Pres.
Vincent M. Jones, Secy. and Treas.

JOHN MULLALLY COMMISSION CO.

GRAIN, HAY and SEEDS
Consignments and Correspondence Solicited.
Your shipments will have our best attention.
Chamber of Commerce, ST. LOUIS, MO.

DANIEL P. BYRNE & COMPANY

GENERAL COMMISSION MERCHANTS
Successors to Redmond Cleary Com. Co.
Established 1854. Incorporated 1897.

Grain, Hay, Millfeed and Seeds
Chamber of Commerce ST. LOUIS, MO.

Connor Bros. & Co.

GRAIN

ST. LOUIS :: MISSOURI

W. C. COFFE, G. S. CARKENER, G. C. MARTIN, JR.

COFFE & CARKENER CO.

(Not Incorporated)
514-15 CHAMBER OF COMMERCE
ST. LOUIS

**THE CONSIGNMENT HOUSE THAT
GETS RESULTS**

Members { Merchants Exchange, St. Louis
{ Kansas City Board of Trade
{ Chicago Board of Trade

B. L. SLACK, Pres. J. M. FULLER, Sec'y.

SLACK-FULLER GRAIN COMPANY

Successors in business to
WAGGONER GRAIN COMPANY
Receivers and Shippers. Future Orders Executed.
208 Chamber of Commerce, St. Louis, Mo.

MARSHALL HALL, Pres. J. B. BETHUNE, Sec.-Treas.

W. L. GREEN COMMISSION CO.

GRAIN

Members { Merchants Exchange of St. Louis.
{ Chicago Board of Trade.

203 Merchants Exchange, ST. LOUIS, MO.

Established 1864 Long Distance Phone, Main 761

EATON, McCLELLAN & CO.

Grain, Hay and Seeds

GENERAL COMMISSION

417 Chamber of Commerce ST. LOUIS

SEELE SAINT LOUIS

Wm. D. Orthwein Grain Co.

ST. LOUIS, MO.

If you want the best service on consignments to St. Louis ship to us.

G. L. Graham & Co.

ST. LOUIS, MO.

**GRAIN and HAY
SELLERS EXCLUSIVELY**

Only your interests to serve. This assures best price and results always.

LANGENBERG BROS. & CO.

RECEIVERS and EXPORTERS

Grain, Hay and Seeds

417 Chamber of Commerce
ST. LOUIS, MISSOURI

Grain Dealers National Convention

The Twelfth Annual Meeting of the Grain Dealers National Association, which will be held in the Southern Hotel, St. Louis, Mo., Oct. 15th, 16th and 17th, 1908, promises to be the best attended meeting since the record-breaker at Des Moines in Oct., 1901. An interesting program has been drafted and forcible speakers of note are assured.

As on occasion of other National gatherings of grain dealers, those who can will arrange to go to the convention on the same train and thus add pleasure to the trip. To accommodate dealers and friends going from or via Chicago, the Illinois Central R. R. will run a special train leaving Chicago, Wednesday, Oct. 14 at 10:00 P. M., and arriving in St. Louis 7:24 the following morning. Fare \$5.80.

The official train will be made up of Buffet-Club car and Pullman Standard Drawing Room Sleeping Cars. Stops will be made at prominent points along the line where other dealers may have expressed a desire to join the train.

Those going via Chicago should make their sleeping car reservations early and thus insure accommodations being provided for all. *Write now to*

R. J. CARMICHAEL

District Passenger Agent Illinois Central Railroad
117 Adams Street, Chicago, Ill.

CAIRO BOARD OF TRADE MEMBERS

H. S. ANTRIM & CO.

SUCCESSORS TO
C. M. HOWE & BRO.

GRAIN and HAY

1101 Corn'l Ave., Cairo, Ill.

Correspondence and Consignments Solicited.
Members of Grain Dealers National Association.
(Members of Cairo Board of Trade.)

REDMAN, MAGEE & CO.

GRAIN

Delta Elevator CAIRO, ILL.

H. L. Halliday Milling Co.

WHEAT, CORN AND OATS

CAIRO, ILL.

Elevator Capacity 500,000 Bushels

RECEIVERS, SHIPPERS AND BROKERS.

PEORIA, ILL.

VAN TASSELL GRAIN CO.
**GRAIN
MERCHANTS**

PEORIA - - ILLINOIS

Correspondence Solicited Private Wire to All Points

T. A. Grier & Co.
GRAIN SHIPPERS AND RECEIVERS

 Rooms 18-19-20-22 Chamber of Commerce
 PEORIA, ILL.

MILWAUKEE, WIS.

Grain Dealers

 It is no speculation to ship us your
 grain. It's a sure thing you will be
 satisfied.

L. BARTLETT & SON CO.
 Milwaukee Chamber of Commerce

L. W. GIFFORD

J. H. BARRETT

CHAS. R. LULL & CO.

Grain Commission

MILWAUKEE WISCONSIN

CLEVELAND, OHIO

THE UNION ELEVATOR CO.

Buyers and Shippers of

Corn, Oats, Wheat, Hay & Straw
 CLEVELAND, OHIO

We are in the market at all times for "off grades" of grain

BUFFALO, N. Y.

Globe Elevator Company

 We are located on the Michigan Central, Grand
 Trunk, and Wabash Railroads. If you can ship
 your grain to arrive at Buffalo via these lines, we
 believe it would be to your interest to do busi-
 ness with us. We will bid you delivered Buffalo
 or handle on consignment. We have a large
 eastern trade and do a large local business at
 Buffalo.

 Our facilities enable us to handle grain arriving
 out of condition to the best advantage market
 will afford.

 203-16 Chamber of Commerce
 BUFFALO, N. Y.

**ROBINSON'S Telegraphic
Cipher Code** (Revised)

 Is more extensively used by
 Grain and Provision Dealers

 than all other codes combined. It is compact,
 small and can be easily carried in the pocket.
 Get the latest edition; by using it your mes-
 sages will be understood, you will save time
 and expense.

Price, leather, gilt edges, \$2.00.

Your name in gilt letters on front cover, 25c extra.

GRAIN DEALERS JOURNAL

255 La Salle St. CHICAGO, ILL.

BOSTON, MASS.

J. E. SOPER & CO.

BOSTON, MASS.

 Buy all grades Wheat, Corn, Oats, Barley,
 Buckwheat, Millfeeds, and all kinds of Special
 feeds. Also handle consignments for New
 England Territory.

THE D. W. RANLET CO.

708 Chamber of Commerce, BOSTON, MASS.

 We are always in the market for sample lots
 of good feed wheat, also buy all kinds of grain
 and feed. ¶ As the new crop approaches,
 quote us.

PORTLAND, ME.

EDWARD P. MERRILL
GRAIN BROKER

PORTLAND, MAINE

Connection wanted with a good roller oats mill

Your Opportunity

 is here. Now is the time to let
 the elevator man know you
 want his business. Advertise
 in the

Grain Dealers Journal

CRAWFORDSVILLE, IND.

CRABBS REYNOLDS
TAYLOR CO.

GRAIN AND CLOVER SEED

CRAWFORDSVILLE INDIANA

GREENVILLE, OHIO

E. A. GRUBBS GRAIN CO.

Greenville, Ohio

 Wants Correspondence with members of the
 Grain Dealers National in Ohio, Indiana and
 Illinois. We want strictly sound winter wheat,
 yellow shelled corn and re-cleaned white oats.

SAGINAW, MICH.

THE HENRY W. CARR COMPANY

SAGINAW, MICH.

 General Selling Agents, Commission Merchants
 Receivers corn, wheat and all kinds of feeds.
 Shippers oats, rye, buckwheat, barley, hay, straw,
 potatoes, etc.

Correspondence and consignments solicited.

NASHVILLE, TENN.

Established 1876

MILLER & COMPANY
HAY, GRAIN AND COMMISSION

Nashville, Tenn.

CONSIGNMENTS SOLICITED

KENDRICK-ROAN GRAIN CO.

Incorporated

GENERAL GRAIN MERCHANTS
Receivers-Shippers

 Correspondence and Consignments Solicited.
 NASHVILLE, TENN.

JACKSONVILLE, FLA.

BROWDER & HAYM

 Brokers and Manufacturers Agents
 Grain and Grain Products

Savannah, Ga. and Jacksonville, Fla.

QUOTATIONS WANTED

on No. 2 Corn.

T. S. Southgate & Company

 General Grain Merchants
 Jacksonville, Fla.

KENTLAND, IND.

Try

Our Special Brand of White Oats

McCray, Morrison & Co.
GRAIN SHIPPERS Kentland, Ind

BATTLE CREEK, MICH.

McLANE, SWIFT & CO.

 Buyers of Wheat, Corn, Natural
 and Clipped Oats, Choice Rye.

 Write for bids—your track.
 Grain Elevators on Grand Trunk Railway.
 BATTLE CREEK, MICH.

HARRISBURG, PA.

HARRISBURG FEED & GRAIN COMPANY

ORGANIZED 1901

JAMES W. BARKER, Manager
 HARRISBURG, PENNSYLVANIA
— GRAIN—FEED—HAY—STRAW —
 Car Lots Only

 Our manager has been buying grain in Pennsylvania
 since 1886

NEW ORLEANS, LA.

A. F. LEONHARDT & CO.
GRAIN AND HAY
NEW ORLEANS, LA.
Want an Elevator?

 Then consult the "Elevators
 for Sale" columns in this issue
 of the Grain Dealers Journal.

MINNEAPOLIS CHAMBER OF COMMERCE MEMBERS

WHEAT, BARLEY, FLAX, OATS

For prices and samples, write

The Van Dusen-Harrington Co.
Minneapolis Duluth Kansas City

MILWAUKEE CHICAGO E. A. BROWN & CO. GRAIN COMMISSION

MINNEAPOLIS, MINN.
Consignments Solicited. Prompt Returns
Guaranteed.

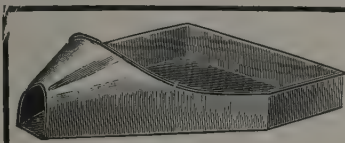
E. L. WELCH COMPANY GRAIN COMMISSION

MINNEAPOLIS AND DULUTH
Consignments Solicited

WE DO IT RIGHT IN THREE MARKETS

LET US SELL YOUR CONSIGNMENTS

RANDALL, GEE & MITCHELL
Duluth Minneapolis Winnipeg



GRAIN SAMPLE PAN For Examining Samples of
Grain and Seeds
Made of Aluminum, strong, light and well made
Will not Rust or Tarnish
Grain Size, 2½x12x16½" \$1.50 Seed Size, 1½x9x11" \$1.25
GRAIN DEALERS JOURNAL, 255 La Salle Street, CHICAGO

INDIANAPOLIS BOARD OF TRADE MEMBERS

5th Bassett Grain Co.

INDIANAPOLIS

Telephone 80 Board of Trade

The Brafford-Files-Thomson Co. Grain Merchants

Board of Trade, INDIANAPOLIS

Jordan & Montgomery

620 Board of Trade Bldg., Indianapolis

GRAIN AND COMMISSION
TRY US

TOLEDO PRODUCE EXCHANGE MEMBERS

Established 1877 W. A. RUNDALL & CO. GRAIN AND SEED MERCHANTS

We buy delivered Toledo or f. o. b. your
station. Personal attention to consign-
ments and trades in "futures."

TOLEDO, OHIO

National Milling Co. TOLEDO, OHIO

DAILY FLOUR CAPACITY 4,000 BBLs.

ELEVATOR CAPACITY 1,500,000 BU.

Always in the market for milling wheat;
ask for our daily bids.

C. A. KING & CO.

Toledo leads the world on Clover Seed
—It is one of our leaders—Favor us
with your future orders and consign-
ments. Read our Specials.

S. C. Reynolds C. L. Reynolds F. J. Reynolds

REYNOLDS BROS.

GRAIN AND SEEDS

24, 25 and 26 Produce Exchange
TOLEDO, OHIO

Offer us your Grain and Seed: Consign it, or
ask for bids.

JOHN WICKENHISER & CO. Buyers and Shippers of GRAIN

We buy F. O. B. your station for direct
shipment to interior points.

Personal attention to consignments.

Toledo, Ohio

W. H. MOREHOUSE & CO.

GRAIN AND SEED
COMMISSION MERCHANTS

Clover, Alsike, Timothy, Hungarian,
Redtop, Blue Grass, Seed Corn, Etc.

321 to 329 Erie St., Toledo, Ohio

FRED O. PADDOCK, Pres. JESSE W. YOUNG, Vice Pres.
ORMOND H. PADDOCK, Sec'y. and Treas.

THE PADDOCK-HODGE CO. GRAIN

Toledo, Ohio
Write, wire or phone us when you want to trade.

The Toledo Salvage Co.

Buyers of

OFF GRADES and
SALVAGE GRAIN

Toledo, Ohio

CLOVER SEED

CASH AND FUTURES.

Ask for our daily Seed Card.

SOUTHWORTH & CO., Toledo, Ohio

W. W. Cummlage, Pres. C. O. Wessendorf, Sec'y & Treas.

THE J. J. COON GRAIN CO.



Grain, Seeds and Feed

Cash or Futures. Consignments Solicited
61 Produce Exchange TOLEDO, OHIO

Quotation Record

is sheets of bond paper ruled to facilitate keeping a
daily record of the market prices of options on
'Change. Each sheet or chart is headed "Board of
Trade Quotations for the Week Commencing Mon-
day—, 19—." Each sheet has twelve columns
provided for different options, four for Wheat, four
for Corn and four for Oats; also spaces for the
market on each at 9:30, 10:30, 11:30 and 12:30 and
the close, as well as the closing price the previous
week.

As a handy reference record of market prices it
has no equal. Each sheet is 9½x14 inches and has
spaces for one week's record. The sheets are put
up in blocks of sixty—a year's supply. Order
Form 27A, price 75 cents.

GRAIN DEALERS JOURNAL
255 La Salle Street CHICAGO, ILL.

Timothy Seed

is handled here at 45 pounds
to the bushel. The contract
grade is prime. Inspection
is very satisfactory to ship-
pers. Try Toledo with your
Timothy Seed.

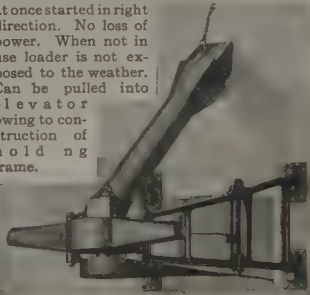
J. F. ZAHM & CO.

FRED MAYER FRED JAEGER
GRAIN-SEEDS
TOLEDO, OHIO

POWER CAR LOADERS FOR ELEVATORS

The Ideal Car Loader

Successfully loads both ends of car at the same time. See position of fan. Grain enters in center of fan and is at once started in right direction. No loss of power. When not in use loader is not exposed to the weather. Can be pulled into elevator owing to construction of holding frame.



This loader has many other points of superiority. Write now.

THE IDEAL CAR LOADER CO., Altonville, Ill.

BUYERS AND SELLERS

of grain elevators. You can make your wants known quickly by advertising in the "Elevators for Sale and Wanted" columns.

Cyclone Grain Loader



Strong in Construction. Simple in Operation. Every part carefully adjusted. It cannot be torn down by car getting away.

Capacity—1000 pounds per minute.
2 to 4 Horse Power.

Any Practical Man Can Install Ready for Use.

Cyclone Grain Loader Co.
NORWALK, OHIO

The ONLY Car Loader
That Will Not
Damage the Grain.

COMBINED Grain Cleaner and Pneumatic CAR LOADER

North Manchester, Ind.
August 13, 1907.
Mattoon Grain Conveyor,
Mattoon, Ills.

Dear Sirs: Enclosed find our check for the car loader. We are very much pleased with this combined cleaner and loader and don't see how we could get along without it. It certainly is a complete success. We have had experience enough with many different makes of loaders to know that it is difficult to get a loader that will load cars perfectly and that too without breaking or gridding the grain, but this will load a car perfectly without damaging the grain, and on the contrary materially improves it by the strong current of air passing through the grain. To understand what a complete success this loader is, you must see it work. We like it well enough that we expect to put in one or two more soon. Very truly,



The ONLY Machine
that Will Clean and Load
at the Same Time.

For Descriptive Circular
and Prices—Address:

**Mattoon Grain
Conveyor Co.**
MATTOON, ILL.

THESE PARTIES ARE NOW INSTALLING THEIR THIRD MACHINE.



The Third Car Loader

which left our factory was a No. 42 which we shipped April 13th, 1901, to Mr. O. C. Benson, Fairmount, Ill. Of course we have been able to make a number of improvements since then but nevertheless he liked it well enough to order one for his elevator in Catlin in October, 1902. Several weeks ago we received a letter from Messrs. Callett & White of Fairmount asking the price of our No. 12. We presume they knew about the one Mr. Catlin has, but to make

sure we spoke of it in our reply and a few days later we received their order in which they stated the loader would replace one of another make. Some machines do good work while new but in a short time they become unsatisfactory. However, this loader after selling one to the same party a year and a half later now sells one to another firm when it has been in use for more than 7 years. If there are none of our loaders near you for you to see, we will gladly send you one on approval with the understanding that if you are not entirely satisfied with it in every respect, you may return it at our expense. Do you know of a fairer proposition? We have about 50 in stock, so can make prompt shipment's

MAROA MFG. CO.

Maroa, Illinois

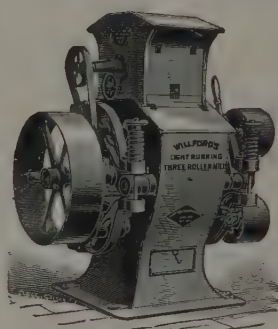
WILLFORD

Light Running Three-Roller Mills
ARE THE BEST
FEED MILLS FOR ELEVATORS

because they take the least power,
are strong, simple and durable.

Write for Circulars and Prices.

WILLFORD MANUFACTURING CO.
303 So. 3rd Street Minneapolis, Minn.



NEW MARSEILLES DUSTLESS CYLINDER CORN SHELLERS

Made in Several Sizes, Both Stationary and Portable Styles

WE MAKE Hand and Power Corn Shellers, Horse Powers, Feed Grinders, Portable Elevators and Wagon Dumps, Pump Jacks, Grain Elevator Machinery and Supplies.

Speaks for Itself:

Gainesville, Texas; May 12, 1908.

Marseilles Mfg. Co., Marseilles, Ill.

Gentlemen: We purchased the first Shuck Corn Sheller you ever made, some eighteen or twenty years ago. Since then we have bought 3 or 15 of them, representing every improvement, and expect to buy several more this season. We have bought one or more of about every other make and think we are competent judges of such machinery. Your Shellers husk and shuck all the corn off the cob more thoroughly; save it more complete; clean both the shelled corn and the cobs more perfectly; require less power in proportion to capacity; are more durably constructed and cost less, loss of time and cost of repairs considered, than any sheller we have ever used. We have thrown out every other kind of Corn Sheller we ever bought and have replaced them with yours.

KEEL & SON,
By J. L. Keel.

MARSEILLES MFG. CO. Marseilles, Ill

Branch Houses and General Agencies at Principal Distributing Cities.

POSITIVELY GUARANTEED

to shell either shucked or unshucked corn faster with less power in proportion to capacity; take the corn off the cobs cleanly; clean both cobs and corn more perfectly; do less crushing or grinding of corn or cobs and save a larger per cent of the corn than any other cylinder sheller on the market.

Send for
Catalog



Grain Receiving LEDGER

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 204 pages of linen ledger paper, size, 8½ x 13½ inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A marginal index is bound in front. Bound in cloth with leather back and corners. Order Form 43

Price, \$2.25

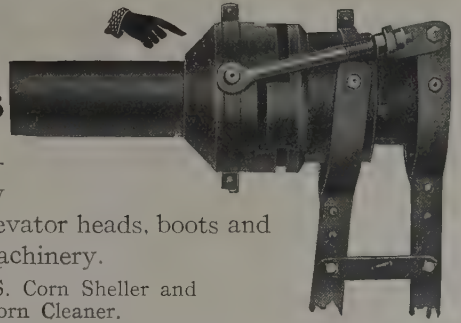
Grain Dealers Journal
255 La Salle St., CHICAGO, ILL.

Complete Equipments

for Grain Elevators including friction jaw clutch, drag chains, elevator heads, boots and power transmission machinery.

Agents for the U. S. Corn Sheller and Western Corn Cleaner.

THE STANDARD CLUTCH MFG. CO., Sidney, Ohio



SCALES

PITLESS WAGON SCALES
AUTOMATIC GRAIN SCALES

New Designs and Styles
Write for Catalog G. D.

THE STANDARD SCALE & SUPPLY CO.
50-52 South Canal St., CHICAGO, ILL.

COAL SALES BOOK

FOT RETAIL COAL DEALERS

It facilitates bookkeeping, and reduces the chance for error. Practically three books in one: 1. Original entry of all sales made. 2. Original entry of the scale weights. 3. Journal from which the posting is done. It contains spaces for 6,000 wagon loads. Each page is ruled with column headings, as follows: Date, Ledger, Folio, Purchaser, Gross, Tare, Net Pounds, Price Per Ton, Amount.

This book is 8½ x 14 inches and contains 150 numbered pages of superior ledger paper. Well bound with best binder board, covered with cloth, leather back, and round leather corners.

Order Form 44. Price, \$1.75.

GRAIN DEALERS JOURNAL
255 La Salle St., CHICAGO, ILL.

POOR OATS
OLD OATS

GOOD OATS
NEW OATS

CLIPPED AND CLEANED OR
CLEANED Without CLIPPING

Also ANY KIND OF GRAIN

Can be Cleaned on the

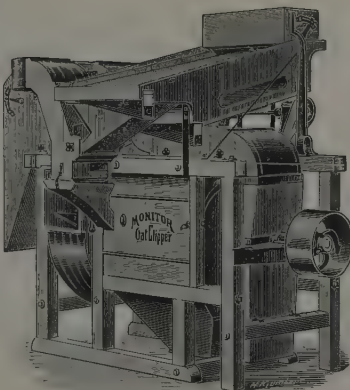
Monitor Combined Oat Clipper and Cleaner

(A distinguished member of the largest line of grain cleaning machines manufactured in the United States)

HUNTLEY MFG. CO., Silver Creek, N. Y.

AGENTS:

CHICAGO, ILL. F. M. Smith, Agent, 302 Traders Building
NEW YORK, N. Y. W. K. Miller, Agent, 121 Front Street
KANSAS CITY, MO. H. C. Draver, Southwestern Agent, 10 Board of Trade
MINNEAPOLIS, MINN. 316-318 4th Avenue, South
SAN FRANCISCO, CAL. Berger-Carter Co., Pacific Coast Agents, Mississippi and 17th Streets
ST. LOUIS S. J. McTiernan, Agent, Terminal Hotel
TILSONBURG, ONT. W. R. Ream



Wagon Loads Received

FORM 350

For the use of country grain buyers in keeping a record of grain received from farmers.

It is 9½x12 inches, contains 160 pages giving room for records of 3,000 loads. Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars, Cents, and Remarks. The book is printed on Record Linen Ledger Paper and is well bound in strong board covers, with leather back and corners. Price, \$1.50.

GRAIN DEALERS COMPANY

• 285 La Salle Street, CHICAGO, ILL.

SHIPPERS

are continually consulting these pages. If you want their business, use space in the Grain Dealers Journal

Marseilles Portable Grain Elevator and Wagon Dump

Saves Money In Big Chunks!

Because:

It saves 20 to 30 minutes' time unloading every wagon and all manual labor.

Think what that means to the man that hires men and teams and the man behind the "scoop" shovel.

It unloads the largest wagons in 2 to 5 minutes.

Handles ear corn, wheat, shelled corn, any kind of grain, sugar beets, or anything that can be handled with a "scoop."

Two men can set it up or take it down. A boy can operate it

Let Us Show You Why They Are Superior to Others



Send for Catalog "K."

FURNISHED MOUNTED ON TRUCKS WHEN DESIRED
Also with or without Horizontal Top Conveyor, or Swiveled Flexible-Telescoping Delivery Spout.

We can furnish any length or style of outfit, to meet any requirement.

We also make a full line of HAND AND POWER CORN SHELLERS, HORSE POWERS, FEED GRINDERS, PUMP JACKS, ETC

MARSEILLES MANUFACTURING COMPANY, Marseilles, Ills.

Branch Houses and General Agencies at Principal Distributing Cities

Ideal Portable Grain Elevator



Handles all kinds of Grain.

Strictly Portable.

Strong, Reliable, Durable

Easy to operate.

Many points of Superiority.

Catalog Sent Upon Request

Luthy & Co.

PEORIA

ILLINOIS

Record of Cars Shipped

FORM 385

Is designed especially for the use of country shippers in keeping a complete record of each car of grain shipped.

It contains 160 pages of Record Linen Ledger paper, ruled to meet the needs of the grain dealer's business. The column headings are: Date Sold, Date Shipped, Car No., Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight, Bushels, Destination Bushels, Over, Short, Price, Amount, Freight, Other Charges, Remarks.

The book is 9½x12 inches and has spaces for recording the foregoing facts regarding 2,400 carloads. It is well bound in strong boards with leather back and corners. Price, \$1.50.

GRAIN DEALERS COMPANY

255 La Salle St., CHICAGO, ILL.

Birchard's Improved Distributor

For Distributing Grain from the Head of Grain Elevators



THE hopper is made of heavy cast iron. The elbow fits loosely over the hopper, thus adjusting itself to any settling of the building. The bottom of the elbow where the grain strikes is three-quarters of an inch solid cast iron; the balance of the spout is No. 12 steel and is so made that it can be turned so as to get the wear on three sides. There is also provided a shifting sleeve which can also be turned when worn and makes a positive connection from the spout to the bins, thus avoiding all possibility of scattering or mixing grain. This sleeve is so arranged that it can be raised up out of the spout when shifting the distributing spout and is operated with a rope extending to the floor below.

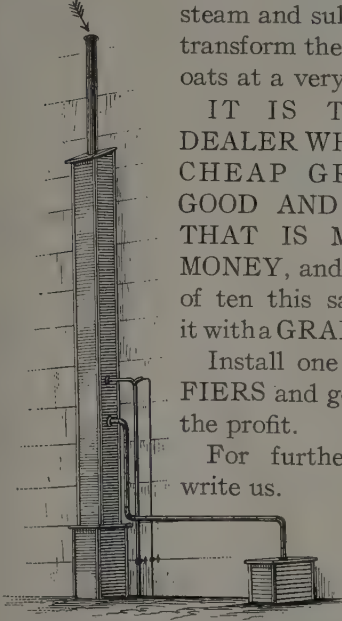
Will Wear three times longer than any other spout, because the steel extension is made to be turned three times. Is under absolute control of the operator. It can be made, without additional cost, to fit nearly any location without change of spouting. We guarantee this distributor to give complete satisfaction, will send it on 30 days' trial.

Hastings Foundry & Iron Works,

Hastings, Neb.

Grain Purifier and Bleacher

PURIFIER STACK



This is a simple machine which gives supreme satisfaction. A little steam and sulphur fumes will transform the quality of your oats at a very small cost.

IT IS THE GRAIN DEALER WHO CAN MAKE CHEAP GRAIN LOOK GOOD AND SELL WELL THAT IS MAKING THE MONEY, and nine times out of ten this same fellow does it with a GRAIN PURIFIER.

Install one of our PURIFIERS and get your share of the profit.

For further particulars write us.

**U. S. GRAIN
PURIFIER CO.**

EARL PARK,
INDIANA

SKELETON FRAME INDUCTION MOTOR

Where the fire risk is very great, as in flour mills and grain elevators, the new skeleton frame induction motor, manufactured by the General Electric Company specially for mill work, is cheaper, safer and more enduring than any other form of power or style of motor.

Motor drive guarantees reduction in power used and increase in production and capacity.

The skeleton frame induction motor guarantees safety, economy and simplicity.

Follow up this suggestion by writing for the story of Motor Drive and the Skeleton Frame induction Motor Book No. 762-E.



General Electric Company

Principal Office, SCHENECTADY, N. Y.

Chicago Office, Monadnock Bldg.

Sales Offices in all Large Cities.
1304

A MONEY MAKER



"PERFECTION"

**WHEAT and CLOVER SEED
SCOURER and CLEANER**

(PATENTED)

You should investigate
this machine.

"NEW ERA" MANLIFTS

made and originated by us
have many exclusive features
and are the most satisfactory
manlifts made.



Write for Prices.

Mention this Paper.

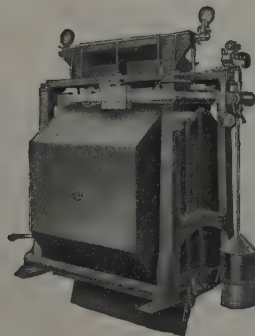
SIDNEY ELEVATOR MFG. CO., Sidney, Ohio

SET OF BOOKS for Grain Dealers

Form 380 Record of Wagon Loads Bought
Form 385 Record of Car Loads Shipped
PRICE, \$3.00
GRAIN DEALERS JOURNAL, 255 La Salle, St., Chicago

Fairbanks Automatic Scales

**HIGHEST DEVELOPMENT
OF AUTOMATIC WEIGHING**



Simple

Operated wholly by gravity, no springs, few parts.

Rapid

Double compartment hopper, each side dumping as opposite fills.

Accurate

Has sealed standard weights and graduated beam. Can be balanced and tested at any time without dumping.

And above all, Fairbanks Quality.

Write for Circular
No. 550-AW.

Fairbanks, Morse & Co.

Wabash Ave. and Eldredge Court, Chicago, Ill.

AVERY Automatic Scales

FOR SHIPPING AND RECEIVING GRAIN



"No Live, Progressive, Up-to-Date Grain Dealer should be without the AVERY, and, once tried, will not be without them."

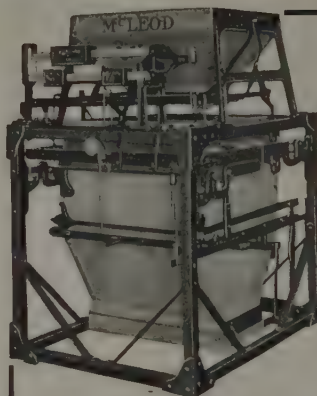
WALLACE GRAIN CO.
Cresbard, S. D.,
April 4, 1908.

Use a Well Tried Scale
AND RUN NO RISKS

AVERY SCALE CO.

North Milwaukee

Wisconsin



The McLeod Automatic Hopper Scale

"The Scale That Weighs"

A masterpiece of simple construction, embodying the correct principles of the standard scales, including a graduated brass beam.

Weighs and records accurately, every pound of grain passing through it. Requires no attention while in operation, and guaranteed not to stick on light or trashy grain.

Its smooth running qualities insure its durability.

NATHAN F. TUFTS.

ESTABLISHED 1841.

CHARLES E. FITZ.

NATHAN TUFTS & SONS,

Grain, Meal, Feed, Hay and Straw,

Poultry and Pigeon Feed,

MAIN OFFICE - WARREN BRIDGE

Bunker Hill Elevator, 59 Cambridge St., Charlestown
Near East Somerville Station B. & M. R. R.

CHARLESTOWN, MASS.

MESSRS MCLEOD BROS.,

September 14, 1908.

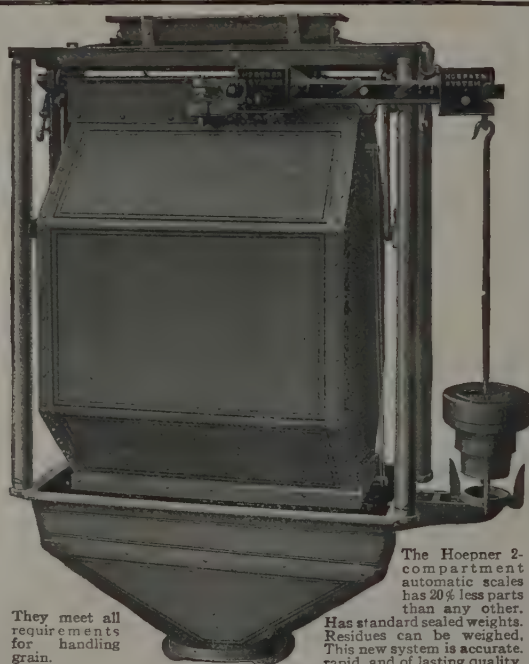
DEAR SIR:—The Automatic Scale is working in a satisfactory manner and we take pleasure in enclosing our check for same.

Yours truly,

NATHAN TUFTS & SONS.

WRITE FOR CATALOG

MCLEOD BROTHERS, Bloomington, Ill. or Marietta, Kan.



They meet all requirements for handling grain.

The Hoepner 2-compartment automatic scales has 20% less parts than any other. Has standard sealed weights. Residues can be weighed. This new system is accurate, rapid, and of lasting quality.

Write for circular No. 15.

THE HOEPNER SCALE SYSTEM,

42 W. Jackson Boulevard,

GEORGE HOEPNER, Prop.

Chicago, Ill.



Richardson Elevator Scale in Actual Operation.

Sedgwick, Kan., June 5, 08.

"I have used your automatic scale in my elevator nearly two years. It does not give any trouble at all, and weighs as accurately as any scale can weigh. I am running a 20,000-bu. country elevator and would not think of going back to hopper scale weighing. I recommend your automatic grain scale."

G. BARKMEYER.

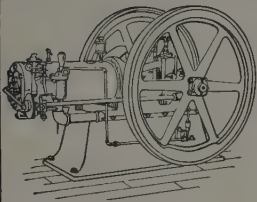
RICHARDSON SCALE CO.

New York, N. Y.
3-4 Park Row

Minneapolis, Minn.
413-3rd St., So.

Chicago, Ill.
122 Monroe St.

POWER FOR GRAIN ELEVATORS



Ohio
Gas
and
Gasoline
Engines

(All sizes)

Used by many lines of elevators.
Used by the U. S. Government.
Used by some of the largest railway systems in the United States.
Let us tell you why.

OHIO MOTOR CO., 315 Dearborn St., Chicago, Ill.

WITTE GAS AND GASOLINE ENGINES

All sizes; any grade fuel.
The Elevator and Grain trade our specialty.
The Witte represents the highest perfection in accuracy and mechanical workmanship.
All valves vertical and self-seating.
Bensonized Bronze Bearings.
Automatic wipe oilers.
Noiseless safety Auto Mufflers.

FIVE YEAR BOND GUARANTEE

Prompt Deliveries Complete Equipments.
Get Elevator Catalog X

WITTE IRON WORKS CO. 526 W. 5th St.,

KANSAS CITY, MO.



TONS to Dollars and Cents

Designed primarily for use of Coal and Hay Dealers. This book of tables shows at a glance the cost of any number of pounds of coal or hay at any price per ton from \$1.00, \$1.25, \$1.75, \$2.00 and so on to \$14.00. It is especially adapted for retailers. It is well printed on good paper, and bound in cloth. It has a marginal index. Size of book 4"x8 1/2" inches, 110 pages.

Price \$1.00

GRAIN DEALERS COMPANY
255 LaSalle St. Chicago, Ill.

FOOS GASOLINE ENGINES ARE ECONOMICAL

For the wipe spark igniter, positively driven, never fails to fire a charge of fuel.
Mechanically operated valves admit fuel charge into cylinder at atmospheric pressure, increasing efficiency of engine.
FOOS Engines, having the advantage of superior shop equipment, are accurately machined and carefully erected, avoiding friction losses common to most engines.
Write for Catalogue No. 20. THE FOOS GAS ENGINE CO. Springfield, O.



If Your Business

isn't worth advertising
advertise it for sale

The Gas Engine Handbook (Second Edition)

By E. W. ROBERTS, M. E.

A Pocket Manual of Useful Information for Operators of Gas and Gasoline Engines

It tells how to start and stop. Care of the engine. Gas engine troubles, where to look for the cause of the trouble, and the remedies which apply. How gasoline engines differ from gas engines. How to handle a gasoline engine and special rules for its care. All about the igniters, valve mechanisms, governors and devices for starting large engines, etc.

This book is equally valuable for the designer and engineer. It covers all points thoroughly, and a draughtsman by following the rules and formulas laid down can design without difficulty a perfect engine.
The book is 3 1/4 x 5 1/2 inches, contains 240 pages of descriptive and illustrated matter and is well bound in cloth. Price \$1.50.

FOR SALE BY

GRAIN DEALERS COMPANY
255 LaSalle St., CHICAGO, ILL.

OTTO ENGINES

GOLD MEDAL AT JAMESTOWN

The U. S. Government paid this Company a big compliment when it selected the "OTTO" Engine for use in making fuel test at the Jamestown Exposition.

The Jury of Awards also proved its fitness for its task when it Awarded the "OTTO" the Gold Medal.
The "OTTO" has won FIRST PRIZE at every large Exposition held in this country since the Centennial in '76.



OTTO GAS ENGINE WORKS, Phila., Pa.
STANDARD OF THE WORLD

Burrell Improved Manlift



This lift is so well known
it is useless to describe it.

Everything for the Elevator



Burrell Mfg. Co.

253 So. Jefferson St.
CHICAGO, ILL.

Gas Engine Books

Operators of gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance.

The Practical Gas Engineer, by E. W. Longanecker, M. D., Price, \$1.00.

The Gas and Gasoline Engine, by Norman & Hubbard, Price, \$1.00.

The Gas Engine Handbook, by E. W. Roberts, Price, \$1.50.

Gas Engine Troubles and Remedies, by Albert Strimatter, Price, \$1.00.

Plain Gas Engine Sense, by E. L. Osborne, Price, \$1.00.

For any of the above address,

Grain Dealers Journal
255 La Salle Street, Chicago, Illinois

Five Dollars Each

is the regular price of the following car movers.

Our Price \$3.75

Each is claimed to be the best

{	EASY ATLAS SAMSON SPECIAL SHELDON CHAMPION	}
---	---	---

We don't care which you order

Engines, Scales, Elevator Machinery, Supplies and Fireproof Safes at Lowest Prices.

WRITE TO US.

AMERICAN SUPPLY CO.
1110 Farnam St., Omaha, Neb.

Grain Dealers Supply Co.

522 4th Ave. South
MINNEAPOLIS, MINN.

Sells Machinery for Elevators and Mills

WRITE FOR PRICES

**Avery Automatic Scales
Gasoline Engines**

Elevator Machinery and Supplies

We carry a large stock and can fill orders promptly.

Grain Cleaning Machinery

We handle a full line and can give you a machine for any kind of work you want to do.

Roll Corrugating and Grinding

The best work—quick service.

Write us for Catalog and Prices on anything you need.

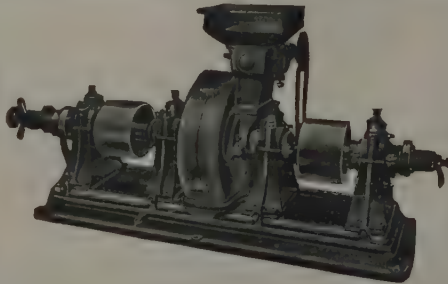
Your Profits

at the end of the year are shown by the amount of cash you have. You will find the feed grinding end of your business very profitable if you have a

Monarch Feed Mill

Let us prove it to you by sending you one on trial. **WRITE US**

SPROUT, WALDRON & CO
P. O. 260, MUNCY, PA.



The Strong-Scott Mfg. Co.

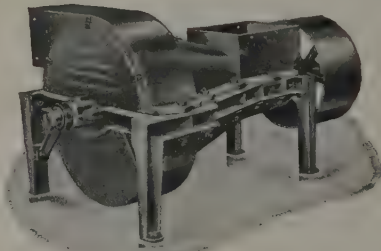
MINNEAPOLIS, MINN.

Northwestern Agents for

Invincible Grain Cleaners,
Richardson Automatic Scales,
Richardson Grain Separators,
Knickerbocker Dust Collectors

The U. S. Corn Sheller

(Patented October 17, 1905).



Screw
Adjustment
Simple
and
Positive

Small Sizes
All Iron

Read These Hearty Reports

B. S. Constant Co.,
Bloomington, Ill.

Athens, Ill., Aug. 29th, 1908.

Gentlemen:—Now in regard to the U. S. Sheller bot of you lately, I must say she works "bully." The Adjuster is all O. K. The sheller can be adjusted easily while running.

September 10th, 1908.

In regard to the cracking of the corn, I can conscientiously say that the U. S. sheller don't crack the grain any more than any standard sheller and I have used four different makes.

Yours truly, F. J. ZIMMERMAN.

Write us before buying a Sheller.

B. S. Constant Co., Bloomington, Ill.

HAMILTON RUBBER MFG. CO.

MANUFACTURERS
OF HIGH-GRADE

RUBBER BELTING

If you want Belting, guaranteed to give perfect satisfaction for all classes of work insist upon your engineer specifying "Hamilton made."

WRITE FOR SAMPLES AND PRICES

161 East Lake Street, CHICAGO

ELMER E. BAST, Manager
TELEPHONE, Main 2294

GRAIN ELEVATOR BUILDERS

REDUCE YOUR EXPENSE

bill, by having an Elevator that does the work. I build and remodel grain Elevators. Write for plans and prices.

R. M. VAN NESS, Fairbury, Neb.

W. H. CRAMER

Designer and Builder ST. PAUL, NEB.

When thinking of building or remodeling your elevator don't overlook the fact that I build and remodel GRAIN ELEVATORS that give entire satisfaction. Scales and Gasoline Engines repaired.

J. A. HORN

DESIGNER AND BUILDER

Grain Elevators a Specialty

OKLAHOMA CITY, OKLA.

RELIANCE CONSTRUCTION COMPANY

ENGINEERS AND CONTRACTORS OF

GRAIN ELEVATORS

625 Board of Trade Indianapolis, Ind.

Steel Grain Tanks

We are pioneers in this line and are building tanks in the good old fashioned way. Joints caulked, and guaranteed water, weather and bug proof. Long experience has demonstrated the necessity of high grade workmanship to make steel storage a success. We do it.

WM. GRAVER TANK WORKS, Chicago, Ind.

Do You Want

The grain trade news? Then subscribe for the GRAIN DEALERS JOURNAL. Twice each month for \$1.50 per year.

The Practical Gas Engineer



tells you what to do and how to do it when your engine gets out of order. It also tells all about the care and operation of a gas or gasoline engine.

A book written by a man of 12 years' practical experience with hydro-carbon engines. Bound in cloth, Price \$1.00.

Grain Dealers Journal

255 La Salle St.

Chicago, Ill.

T. E. IBBERSON

Designer and Builder of

GRAIN ELEVATORS

310 Corn Exchange, Minneapolis

GRAIN ELEVATORS

I build them in wood, concrete or steel. All space fully utilized. My houses are modern and up-to-date and economical to operate. Get my ideas before placing your contract.

W. S. MOORE, 6 So. Main Street, Frankfort, Ind.



Especially Designed for Economy of Operation and Maintenance
LINCOLN, NEB.

I BUILD TO PLEASE

Grain Elevators and Warehouses

Plans and Specifications furnished on application.

G. F. McCurley, Wichita, Kans.

BOWEN & SHAEFFER

Designers and Builders of

GRAIN ELEVATORS

Plans and Estimates Furnished. Correspondence Solicited.

LAFAYETTE INDIANA

THE ECONOMIC CONSTRUCTION CO.

(Not Inc.)

614 Omaha Bldg. 134 Van Buren St., Chicago Ill.

Designers and Builders of

UP-TO-DATE ELEVATORS

Our Plans and Specifications are uneexcelled. Give us a fair trial and compare notes.

N. A. GRABILL

Designer and Builder of

Flour Mills and Grain Elevators

DALEVILLE, IND.

A. H. Richner

Designer and Builder of

Grain Elevators

I sell the Western Pitless Shellers. Get my prices.

Crawfordsville, Indiana

My Aim—

Is To Build

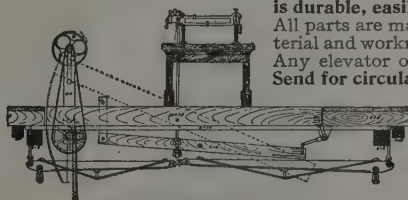
GRAIN ELEVATORS

Which are right up-to-date in every particular

M. J. TRAVIS,

KANSAS CITY, MO.

The Eagle Wagon Dump



is durable, easily set up and simple in construction. All parts are made in duplicate, and the best of material and workmanship enter into their construction. Any elevator owner can put this dump together. Send for circulars and discounts.

MINNEAPOLIS, MINN.

EAGLE IRON WORKS, City.

Gentlemen:—Regarding your Eagle Wagon Dump, would say that I have used a great many of them in elevators that I built for different parties, and I have yet to ever have one complaint made on your dump. They are giving entire satisfaction, and I would further state that they can be put in erected for less money than any other dump on the market, and I gladly recommend them to all my customers. Yours very truly,
G. T. HONSTAIN.

Patented October 10, 1905.

We Carry a Full Line of
ELEVATOR & MILL SUPPLIES.

EAGLE IRON WORKS, Minneapolis, Minn

GRAIN ELEVATOR BUILDERS

YOUNGLOVE

The Elevator Builder

will furnish and install your repairs. We have the men and make this a specialty.

ELEVATOR SUPPLIES
POWER-BELTS

Younglove Construction Co.

315 Pearl Street. SIOUX CITY, IOWA

L. O. HICKOK

H. M. HICKOK

L. O. HICKOK & SON

DESIGNERS, ENGINEERS, CONTRACTORS



GRAIN ELEVATORS

And General Construction in
Wood, Brick and Concrete
Plans—Specifications—
Estimates

320 Flour Exchange Minneapolis, Minn.

THE SECKNER COMPANY

Postal Telegraph Building
CHICAGO

DESIGNERS AND BUILDERS
OF UP-TO-DATE

GRAIN ELEVATORS

Any Style or Capacity

Re-enforced Concrete Storage
a Specialty

Write Us—We Can Save You Money

O. J. SLUSSER

DESIGNER AND BUILDER OF
Grain Elevators

VAN WERT, OHIO

Say

Let the Grain Dealers Journal
Want Ads do your work.

They bring quick returns.

L. BUEGE

THE GRAIN ELEVATOR BUILDER

Who Builds Right Kind
of Elevators at the
Right Kind of Price

322 Fourth Avenue, South
MINNEAPOLIS, MINN.

OLSON BROTHERS & CO.
ENGINEERS AND CONTRACTORS

Grain Elevators, Flour Mills and Complete Plants for
Handling Coal, Sand, Gravel, Ores, Ashes, Etc.

Phone Humboldt 2373

703-707 Bloomingdale Ave.,

CHICAGO, ILL

B. J. GARRICO

Designer and Builder of
Flour Mills and Grain Elevators
Hoxie Bldg., Fort Worth, Tex.

A. E. HONSTAIN, PRES.

I. S. HONSTAIN, TREAS.

D. F. HOAG, Sec'y



HONSTAIN BROS. CO.

(INCORPORATED)

Contractors and Builders of
Grain Elevators, Flour Mills, Warehouses, Etc.
Plans and Specifications Furnished
Repairing Done

306 Corn Exchange.

Minneapolis, Minn.

Want a Job? —Advertise in the Situations Wanted
columns of the Grain Dealers Journal.

Write to the
**Cramer
Construction Company**

1110 Farnam Street, Omaha, Neb.

for plans and estimates upon
modern grain elevators. Over
200 of our houses in operation.



C. A. LOWE

Designer,
Contractor
and Builder

of Up-to-Date

Grain
Elevators

Enid, Okla.

Fireproof
Grain
Elevators

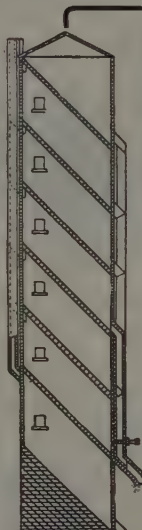
Subdivided
TANKS

Adapted to Terminal
or Country Use.

Any
Capacity

Write for
PARTICULARS
and
ESTIMATES

FINTON
GRAIN ELEVATOR
CONSTRUCTION CO.
APPLETON, WIS.



Patented

GRAIN ELEVATOR BUILDERS

Macdonald Engineering Co.

DESIGNERS AND BUILDERS OF
GRAIN ELEVATORS

Monadnock Bldg., CHICAGO, ILL.

GRAIN ELEVATOR

Designing and Construction
Made a Specialty

Witherspoon-Englar Co. Monadnock Bldg.
CHICAGO

John S. Metcalf Co.

ELEVATOR BUILDERS

623 THE TEMPLE

Plans and Specifications
a Specialty.

CHICAGO

O. F. HAGLIN

HAGLIN-STAHN CO.

B. H. STAHN

ENGINEERS AND CONTRACTORS

REINFORCED CONCRETE GRAIN ELEVATOR CONSTRUCTION

Fireproof Working Houses and Grain Tanks a Specialty.
Write for Plans, Specifications and Prices.

LUMBER EXCHANGE
MINNEAPOLIS, MINN.

B

BURRELL ENGINEERING & CONSTRUCTION CO.

DESIGNERS AND BUILDERS OF

GRAIN ELEVATORS--ANY STYLE OR CAPACITY

1140 STOCK EXCHANGE BUILDING :: CHICAGO, ILL.

B

G. C. KAUCHER

Sales Agents for

Richardson
Automatic
Scales

KAUCHER, HODGES & CO.

MEMPHIS, TENN.

GRAIN ELEVATORS, WAREHOUSES

REINFORCED CONCRETE CONSTRUCTION

E. G. HODGES

Sales Agents for

Koehring
Concrete
Mixer

JAMES STEWART & CO. CONTRACTORS

Designers and Builders of GRAIN ELEVATORS In All Parts of the World



Steel, Brick, Wood, Concrete, Tile

GRAIN ELEVATOR DEPARTMENT, 1811 Fisher Bldg., Chicago

W. R. SINKS, Manager

R. H. FOLWELL, Engineer

We also do General Contracting and have offices in the following cities.

Write or call on any of them.

Chicago, Ill., 1811 Fisher Bldg.

New York, 130-137 Broadway

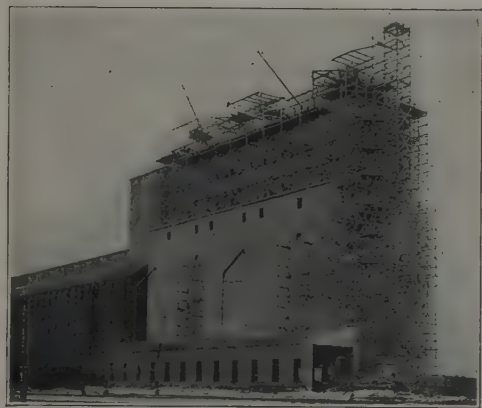
Pittsburgh, Pa., Westinghouse Bldg.

St. Louis, Mo., Lincoln Trust Bldg.

New Orleans, La., Hibernia Bank Bldg.

San Francisco, Cal., 709 Mission Street

Montreal, Canada



Canadian Pacific Fire Proof Grain Elevator

Under construction for the Canadian Pacific Railroad Co. at Fort William, Ontario.

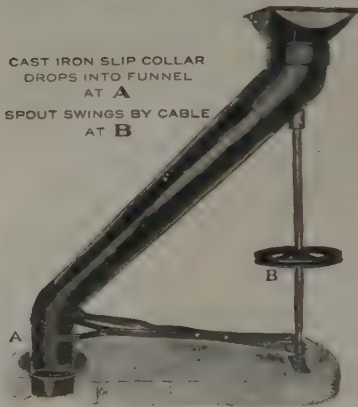
The Barnett & Record Company

General Contractors

Minneapolis, Minn.

THE LINK-BELT SPOUT

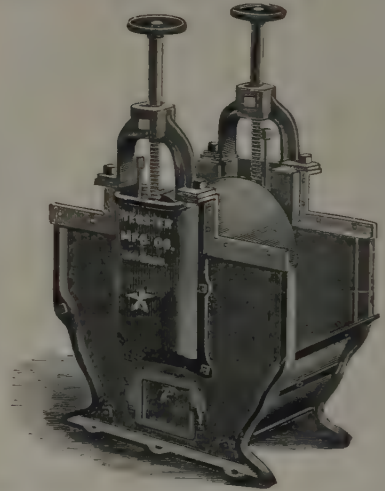
PERFECTLY SIMPLE, AND SIMPLY PERFECT



**FULL LINE OF ELEVATOR MACHINERY
IN STOCK FOR PROMPT SHIPMENT**

Send for New Catalog

LINK-BELT SUPPLY COMPANY
MINNEAPOLIS, MINN.

**CAST IRON
ELEVATOR BOOT**D
U
R
A
B
L
ER
E
L
I
A
B
L
E

This is a boot which has proved ideal for use in country elevators. It is adjustable and durable; sold for a reasonable price. What size do you need?

K. C. MFG. & SUPPLY CO.

429 W. 5th St., KANSAS CITY, MO.

The Ohio Corn Shellers

PATENTS PENDING

☞ The Fan Discharge, "either direction," with adjustable cylinder—Fan separate from cylinder.

☞ The Regular Sheller, without Fan Discharge, with adjustable cylinder.

☞ Either style made in sizes from 300 to 1,500 bushels per hour.

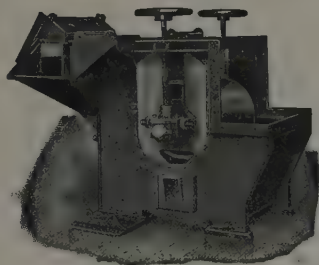
☞ We can equip your elevator complete from top to bottom, manufacturing a full and complete line of machinery and power transmissions.



WRITE US

THE PHILIP SMITH MFG. COMPANY, Sidney, Ohio

TAKE CAPACITY FOR INSTANCE



Let us ask you this. Can you, in your terminal elevator, with 12-inch buckets, keep your dump or pit clear, when unloading a car into it, without detaining the unloaders a second?

We are doing it every day with a

Hall Non-Chokable Boot

in less time than you can do it with 24-inch buckets.

In a country elevator we use 7-inch buckets and elevate grain from the dump faster than it can be filled from wagons.

This pre-eminence means 100 per cent increase in operating capacity of your elevator—(or what is practically the same, if building anew it saves in cost of leg equipment).

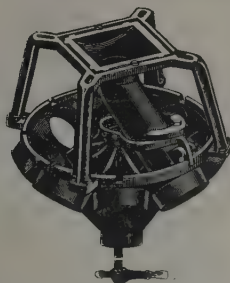
We send it on trial, guaranteeing results, to be tested by you. Catalog E tells all about it.

HALL DISTRIBUTOR CO.

222 Range Bldg.

OMAHA, NEBR.

HERE IS WHERE YOU SILENTLY LOSE OUT



You cannot distribute grain in your elevator, fill all your bins completely full, and operate it entirely from the lower floor without mixing grain. It is an utter impossibility.

If you would take the time to compute and calculate this loss of grain, you will find, if you are doing very much business, that you could buy a

Hall Signaling Distributor

about every month, sometimes every day, with the money so lost.

Ask any one of your neighbors, who use a Hall, in any state, and they will prove it to you.

You ought to know this truth at once and cork up this costly, silent leakage, by getting a HALL in your elevator as soon as possible. We will send it to you free, and let you demonstrate this yourself. Then pay for it after you have proved it, and end forever this increasing drain.

We send a list of users compiled to recent date. Booklet B.

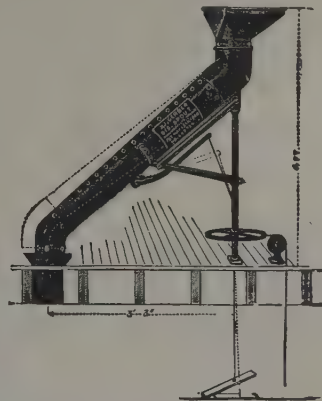
HALL DISTRIBUTOR CO.

222 Range Bldg.

OMAHA, NEBR.

Good Spouts Reasonable Prices

That is what you get when you buy the GERBER IMPROVED No. 2 DISTRIBUTING SPOUT. Can be operated from working floor.



Prevents mixing of grain. It's like trading dollars when you buy this spout for you get full value for every cent spent. I make a specialty of Elevator and mill spouting. Write for particulars.

J. J. GERBER

MINNEAPOLIS

MINN.

We Are Large Manufacturers of Steel Roofing, Corrugated Iron, Etc.



We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., Chicago, Ill.

ELEVATOR EQUIPMENT

We manufacture a complete line of elevator equipment including Wagon Dumps, Power Shovels, Corn Shellers and Cleaners, Buhr Stone and Roller Feed and Meal Mills, Meal Bolters, Packers, Car Pullers, Passenger Elevators, Grain Handling Appliances, Belting and Power Connections of all kinds, Mill and Elevator Supplies.

WRITE FOR PRICES.

NORDYKE & MARMON CO.

America's Leading Mill Builders

Est. 1851.

INDIANAPOLIS, IND.

Vest Pocket Grain Tables

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000.

It is printed in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions: Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in tough paper and form a thin book, 2 1/4-in. wide by 8 1/4-in. long. Price 50 Cents. Address

GRAIN DEALERS COMPANY

255 LaSalle St., CHICAGO, ILL.

Power Transmission and Elevator Equipment



Our Spiral Conveyors have given eminent satisfaction to grain dealers now using them. Elevator operators are more and more looking to us to equip their plants in first class manner. For belt tighteners, spiral and square tooth clutches, friction clutches, or any equipment, write



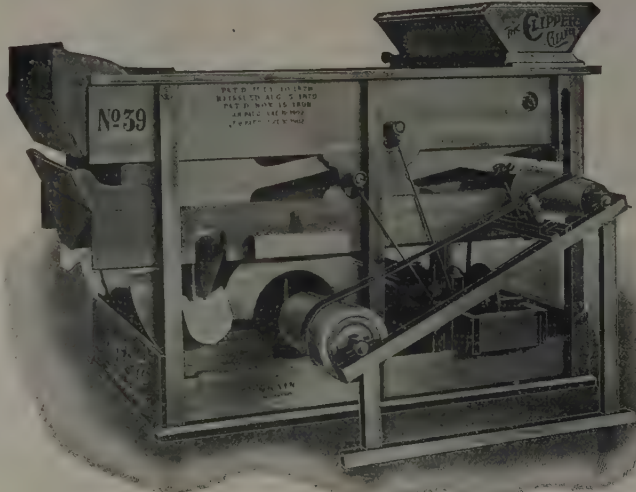
W. A. JONES FOUNDRY & MACHINE CO.

139 W. North Ave., CHICAGO
ELEVATOR OUTFITTERS

THE NEW SEED CROP

The prospects for a large seed crop were never brighter at this time of year. Orders are coming our way in large numbers, and the man who gets in early is usually the one who is ready to do business when the new crop begins to move.

In reference to selecting a Seed Cleaner, we have the largest variety in size and capacity to be found anywhere. We can equip a country Seed House with an up-to-date Traveling Brush Machine at a very low price, or a large seed elevator with a complete line of Cleaners for handling all kinds of seeds, grasses and grains. We have over a hundred different varieties of screens to select from; our machines have Traveling Brushes to keep the screens clear and the Air Controller to insure the proper air blast necessary to secure the best results.

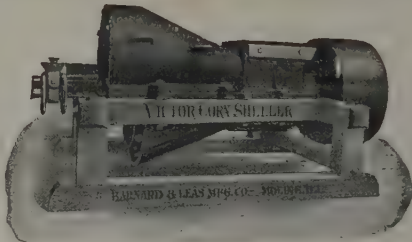


If you are in the market for anything from a screen for your old Cleaner up to half a dozen of our latest machines, just mention it and we will give you particulars, prices and full information. Write for our new catalog.

A. T. FERRELL & CO.,

Saginaw, W. S., Mich.

Are You Prepared to Handle the New Crop?



The Victor Corn Sheller & Cornwall Cleaner are standard machines of their class.

These machines will enable you to handle the crop to best advantage.

For efficiency, capacity, strength and durability they have no equal.

They possess valuable features possessed by no other shellers and cleaners.

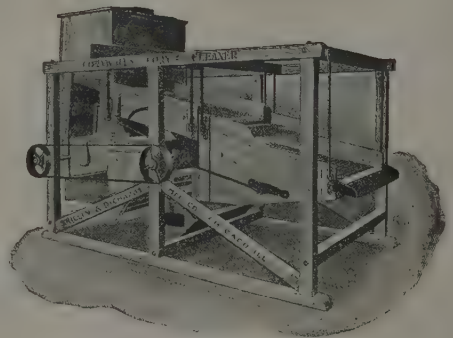
We also make other shellers and cleaners and a complete line of Feed Mills, Separators and Elevator Supplies.

Send for latest circulars.

Barnard & Leas Mfg. Co.

Builders of

**Elevator Machinery and Supplies
MOLINE, ILL.**





Patent Applied for
The "Western" Pitless Sheller
Built in three sizes. Capacity 300 to 1300 bushels per hour

WILL NOT CRACK THE CORN

Does not require a tank or pit under your elevator.

Discharges directly into the boot.

Fan chamber is adjustable--can be changed to discharge either to right or left, under or over.

Fitted with our patent adjusting lever, enabling operator to adjust cylinder, while running, to all kinds and conditions of corn.

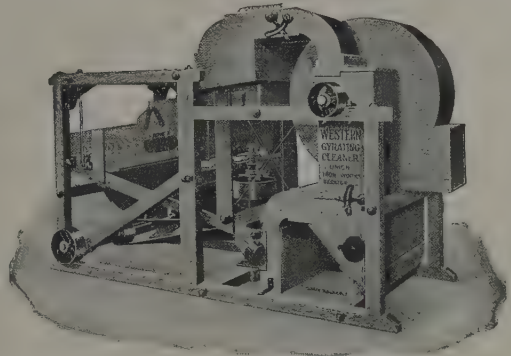
UNION IRON WORKS, Decatur, Ill.

Better to Have Equipped Your Elevator With "Western" Machinery Than Some Other Kind and Wish You Had.

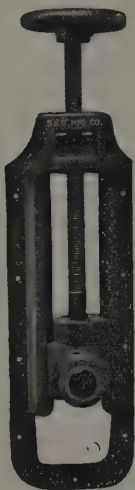
Plans and Specifications Furnished for All Kinds of Grain Elevators.

COMPLETE LINE OF SUPPLIES

Pulleys Shafting Belting
Sprocket Wheels Sprocket Chain Conveyor
Grain Buckets Friction Clutches



The "Western" Gyration Cleaner
Capacities 350 to 2,500 bushels per hour. Built in eight sizes.



Standard Take-Ups

Everything for the Grain Elevator

Our Cold-rolled Spiral Conveyor has proved the best in the market.

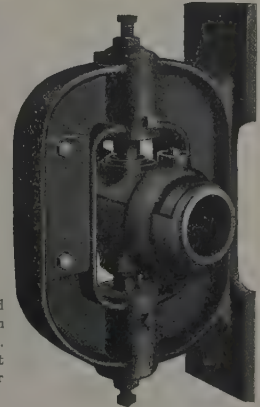


Spiral Steel Conveyor

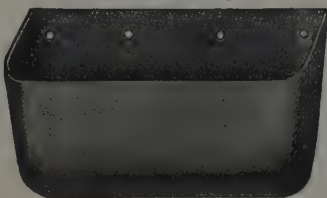
We carry a large stock ready for immediate shipment; also all necessary fittings.



Ring Oiling Rigid Pillow Block



Ball and Socket Post Hanger



Salem Buckets

All these goods, as well as anything else that may be required for the grain elevator, are manufactured by us. It is to the grain elevator operators' advantage to deal direct with the manufacturer. We serve our customers promptly with first-class goods and at reasonable prices. Send us your orders and specifications for estimate.

Catalog Sent Upon Request

Skillin & Richards Mfg. Co., Chicago

COLD DRY AIR DRIERS AND RENOVATORS

COMMONLY KNOWN AS THE ISCH & JOHNSON

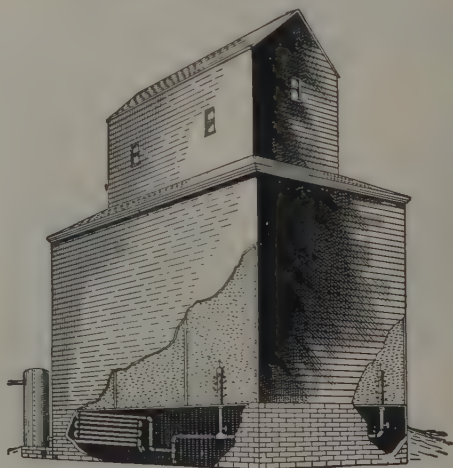
THE ELLIS DRIER COMPANY is prepared to install at a NOMINAL COST the very LATEST and BEST APPARATUS of the so called pneumatic system. As a grain cooling proposition for small country elevators, where only a very limited capacity is needed and cost of operation is not considered, this apparatus will do excellent work. The same arrangement can also be used for drying.

We shall be glad to answer all inquiries.

ELLIS DRIER CO., 747 Postal Telegraph Bldg., Chicago

Johnson's Grain Dryer and Renovator

Nature's System of Cooling Grain.
Economical, Satisfactory.



Install Johnson's Grain Dryer and Renovator. That's the system. It protects your grain and cleans your elevator. Nothing like it. INVESTIGATE.

E. G. ISCH & CO., Peoria, Illinois

NOW YOU NEED A HESS U.S. MOISTURE TESTER

It goes well with new corn—saves you from paying corn price for water. Anyone can use it. Burns gas, gasoline or alcohol. Ask for booklet.

*Ask us also for our booklet on
Hess Grain Driers*

Hess Warming & Ventilating Co.

909 Tacoma Bldg., Chicago



MOISTURE



should be removed from your grain before it leaves your elevator. Then you can rest easy as to its condition when it arrives at destination. It is now possible for every elevator man to dry grain, for the

“Eureka” Grain Dryer

is within the reach of all, and it is practical too. This dryer produces positively the most uniform and satisfactory results in drying, cooling and conditioning damp, wet and musty corn or wheat.

The “Eureka” Dryer is automatic and continuous in operation. Equipped with automatic force feeder and delivery.

Is not an experiment. Many in operation in all parts of the country.

Most Economical to Operate.

Easily Installed.

Built in All Capacities.

Prompt Delivery.

**Absolute Satisfaction
Guaranteed.**

Full Particulars on Application.



THE S. HOWES CO.

Builders of the “Eureka” Grain Cleaners

“Eureka” Works, Silver Creek, N. Y.



SOUTHWESTERN REPRESENTATIVE, THE P. H. PELKY CONSTRUCTION CO., WICHITA, KAN.
CHICAGO, ILL., GEORGE J. NOTH, Phone Harrison 5597, 1329-1330 MONADNOCK BUILDING.
PACIFIC COAST, SYPHERS MACHINERY CO., SPOKANE, WASH.
INDIANAPOLIS, IND. J. N. BACON, SPENCER HOUSE.
MINNEAPOLIS, MINN. . . . W. E. SHERER, 3RD STREET SOUTH



ELEVATORS FOR SALE.

GOOD PAYING elevator and mill for sale. Write us. Buckeye Brokerage Co., C. B. Jenkins, Mgr., Marion, Ohio.

GOOD ELEVATOR for sale, retail coal and flour in connection. Address, Bell, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE OR RENT—Elevator, coal sheds, corn cribs, etc., at a very low figure. Address Adam Schneider, Garner, Iowa.

FOR SALE—Six good elevators on The Northwestern Road in Minnesota. For particulars, etc., apply to Nam, Box 6, Grain Dealers Journal, Chicago.

FOR SALE—Elevator in N. E. Kansas in first-class condition; doing good business; good reason for selling. Address Binson, Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Three large, new, modern elevators, Western Ohio, near Indiana line, on C. H. & D. and Penna. Co. Rys. Address D. & O., Box 7, Grain Dealers Journal, Chicago, Ill.

GOOD ELEVATOR, coal and sand business on Rock Island, in Southern Nebraska, for sale at a bargain if sold soon. Address B. M., Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevator on C. M. & St. P. Road, Central Iowa. One competitor; 200-car station. Bargain if taken at once. Address Wood, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE or exchange for good farm land, terminal transfer and cleaning grain elevator at Kansas City, Mo. Address De, Box 4, Grain Dealers Journal, Chicago, Ill.

ELEVATOR AND COAL BUSINESS. 12,000 bushel elevator with 24 H. P. engine, oat clipper and corn sheller and cleaner. Only elevator in the town; surrounded by good grain territory. Address Morrison Grain Co., Morrison, Okla.

FOR SALE: 25,000 bu. elevator and feed mill in southwestern Minn. Equipped with dump scales, hopper scales, cleaner, two engines and feed mill. Good wood, feed and seed trade. Address W. T., Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE—One of the best elevators at one of the best grain stations in Central Illinois on the I. C. This year's corn crop will average 50 bu. to acre. This plant handled last year, 400,000 bu. Can carry half purchase price. C. A. Burks, Decatur, Ill.

ELEVATOR and feed mill in small Wisconsin village in good farm and dairy country. Buildings and machinery in first class condition. Modern and up-to-date in every respect. Doing good business in custom grinding. Good opening for some one. Address W. W., Box 11, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE—We are dissolving our Company and offer the following properties at a bargain; will be sold all together, or separately. Elevators at Wheatland, Moore, Britton, and Agra, Okla.; Warehouses at Witcher and Arcadia, Okla. Corn Cribs at Choctaw. Excellent corn crop at all of these stations this year. All cash or part on time, if properly secured. Smith Grain & Elevator Co., Oklahoma City, Okla.

ELEVATORS FOR SALE.

WILL SELL: One half interest in my elevator and coal business also my Litter Carrier. A good money making proposition for a good man. W. J. Herscher, Buckingham, Ill.

ELEVATOR, Feed Mill and home for sale. A money making proposition. Price \$5,000. Selling on account of wife's health to go West. Address Field, Box 4, Grain Dealers Journal, Chicago, Ill.

ELEVATOR FOR SALE. 12,000 bus. cap. in good condition, in good grain country. Coal and lumber business goes with it if desired. Good reason for selling. For particulars address Mendenhall & Searl, Princeville, Ill.

GOOD LOCATION for Elevator! Frances, Ind., 12 miles south of Indianapolis, on Indpls. Sou. R. R. New town. New R. R. Rich farming Country. Come and see for yourself—or write I. F. Harris, R. F. D. No. 18, Greenwood, Indiana.

FOR SALE—A 10,000 bu. Cribbed Elevator, Coal and Lumber Yard on main line, C. & N. Ry. at Watkins, Ia. Elevator has two separate dumps and elevators, good handling capacity in good grain territory. Address P. O. Christianson & Co., Watkins, Ia.

FOR SALE—60,000 bushel cribbed elevator plant, including corn cribs, coal houses, etc., handling 300,000 bushels grain annually. Plant in first class condition, all well equipped. Price \$8,000. Address Rola, Box 8, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE—We have a large list of extra good bargains in elevators in first-class locations, doing good business. Write for prices, terms and descriptions, giving location you prefer. Iowa Mill & Elevator Brokers, Independence, Iowa.

NEW ILLINOIS Elevator on I. I. & M. 10 miles southeast of Rockford; capacity 28,000 bu., 18 h. p. gasoline engine. Corn cribs, coal sheds, office and 6-room house; business 75 to 100,000 bu. yearly; good territory. H. R. Robertson, Chick House, Rockford, Ill.

FOR SALE—Bie 4 Elevator and feed mill in Western Ohio. Large feed and coal business. Ship 100 cars a year. Nearest competition 7 miles. Good reasons for selling. If sold soon, \$6,500. Easy payments. Address F. M. C., Box 7, Grain Dealers Journal, Chicago, Ill.

WILL SELL my 30,000 bu. Elevator in first-class shape, located Western Ind., in county seat town of 2,000 at junction of two railroads. Best shipping facilities to any market. Wholesale & Retail Flour & Feed business in connection. Handle Grain & Seeds, all kinds, and enjoy good business. Address Ref. Box 5, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

ELEVATORS FOR SALE—3 elevators on R. I. in western Iowa, 2 with lumber yards, all with coal. 3 on M. & St. L. between Des Moines and Ruthven, taken together as good if not the best small line in the state. May consider Iowa improved farms for part. Answer L. B. 1055, Des Moines, Iowa.

FOR SALE—100,000 bushel elevator on the Chicago & Eastern Illinois railroad, in western Indiana, located about 100 miles from Chicago. This is one of the best elevator properties in Indiana, does a business of about 300,000 bushels a year. Write for description. Address Dence, Box 9, Grain Dealers Journal, Chicago, Ill.

TWO ILLINOIS ELEVATORS for sale at a bargain. 50,000 bus. eltr. on the I. C. R. R. handles 200,000 bus. corn and oats yearly. Also a 35,000 bus. eltr. nearby on same road which will handle 100,000 bus. annually. Both new and well equipped. Good coal trade at each station. Address C. C. C., Box 6, Grain Dealers Journal, Chicago, Ill.

FOR SALE—65,000 bu. cribbed Elevator; also hay, flour, and feed storage for 20 cars. Steam power; power shovel; track scales, etc. Plant has handled 46,000 bu. since Aug. 1. Fine corn crop ready to handle. Located on paved street in one of the best towns of Iowa. Price \$5,500 to close partnership deal. One competitor. Terms on part, if desired. Address Pello, Box 7, Grain Dealers Journal, Chicago, Ill.

IOWA ELEVATOR for sale. A cribbed elevator in first-class condition, covered with corrugated iron can be bought right. Equipped with 18 H.P. gasoline engine; 2 feed grinders; Fairbank's Hopper and Wagon Scales; coal sheds. No competition. Also own an elevator at next station, where there is no other competition. Both elevators can be operated together advantageously and will make money every day in the year for the owner. Will give possession at once, so buyer can have advantage of handling the new crops. Can give best reason for wishing to sell. Address F. K. H., Box 5, Grain Dealers Journal, Chicago, Ill.

COTTON SEED MEAL FOR SALE.

COTTON SEED MEAL for sale. We can quote you low prices on best grades. Correspondence solicited. Union Grain Co., Guthrie, Okla.

PURE OWL BRAND COTTON SEED MEAL. Known everywhere for its high feeding qualities. Registered analysis. Write for prices and booklet on feeding. F. W. Brode & Co., Memphis, Tenn.



"THE DENNING"
CORN CRIB AND GRAIN BINS

ARE HANDLED BY DEALERS EVERYWHERE
THE DENNING FENCE is famous for its Peerless Tie. THE DENNING LAWN FENCE is ornamental. THE DENNING BARBED WIRE is perfect.

Write us for catalogue and prices.

THE DENNING WIRE AND FENCE CO.
CEDAR RAPIDS, IOWA



ELEVATORS WANTED.

IF YOU want to sell your elevator, write Julius Kunz, Wesley, Ia.

WANTED to trade for a good elevator. F. P. Hawthorne, McPherson, Kans.

WILL BUY one, two, or three well located elevators. Correspondence considered confidential. L. Kimm, Marion, Ia.

WANT to trade equity in good 160 acre Minnesota Farm for elevator in Northern Minn. or North or South Dakota. N. N. Biever, LaMoure, No. Dak.

ELEVATOR WANTED handling not less than 200,000 bu. annually. Located in either Nebraska, Iowa or Kansas. Address all communications to Lock Box 246, Unadilla, Nebr.

WANTED—to trade for a good elevator in Neb. or Iowa; doing a good business; will trade Eastern Colorado land at \$10 per acre. This land is fast advancing. Address Box 4, Hyde, Colo.

WANTED—To buy elevator in Indiana or Ohio; must show plenty of business and good net profits. Send price and full particulars first letter. Address H. K., Box 7, Grain Dealers Journal, Chicago, Ill.

MISCELLANEOUS.

WANTED—A place to fish where one can at least get a bite. All communications will be considered confidential, if marked "Personal." H. N. Knight, Monticello, Ill.

WANTED—Present address of Fred Faulkner, formerly manager of the Colorado-Nebraska Grain & Hay Co. Address I. B. Dunn, Box 6, Grain Dealers Journal, Chicago, Ill.

LOST MY GUN somewhere between sunrise and sunset, Sunday, Sept. 25. Finder who will return and ask no questions will be handsomely rewarded. M. B. T., Star & Garter Elevator, Minneapolis, Minn.

ELEVATORS FOR SALE. If you want a bargain in anything, GO TO THE MARKET. We are the market in elevators, and always have the best money can buy. John A. Rice, exclusive elevator broker, Frankfort, Ind.

ELEVATORS FOR SALE—Just the kind you are looking for, and at prices to suit your purse. Let me know about what you want, and how much you wish to pay, in first letter. Am sure I can suit you. James M. Maguire, Campus, Ill.

ELEVATORS FOR SALE—A few nice bargains for \$5000 to \$7500 in good corn and oats territory, in towns where there are good schools and churches, not far from Chicago. You will make no mistake if you get any one of them. James M. Maguire, Campus, Illinois.

MR. GRAIN DEALER: Do you advertise? Do you want to get your name and business before every man, woman and child in your community? If so, send us 25c in stamps, for 6 sample souvenir pencils by mail, postage paid. Write to-day. Address Souvenir Lead Pencil Co., Security Bank Bldg., Cedar Rapids, Iowa, and 52 N. Peoria St., Chicago, Ill.

FERRETS FOR SALE.

FERRETS—Good ratters, \$24.00 per dozen. Chas. Foster, Wellington, O.

SITUATIONS WANTED.

POSITION wanted by an experienced and capable grain man as auditor or business solicitor. Address Paris, Box 1, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as mgr. of eltr. line or as traveling solicitor, 10 yrs. experience. Address H. C. N., Box 2, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED by young man. Two years' experience in grain business. Plenty of reliable references. Address J. D. B., Box 7, Grain Dealers Journal, Chicago, Ill.

SITUATION wanted as Mgr. of country eltr. Age 38; married. 9 yrs' exp. A-1 references. Strictly temperate. Address Les, Box 6, Grain Dealers Journal, Chicago.

YOUNG and single man, 28 years old, thoroly experienced in the Field Clover Grass, also Vegetable Seed, desires to change his position. Has been employed for three years in New York. Address Seedsman, Box 7, Grain Dealers Journal, Chicago.

SITUATION WANTED—by experienced grain man as traveler or manager for country elevator. I am thoroly competent to make good; have been in business for myself for 8 years. Best of references. Address B. E. R., Box 6, Grain Dealers Journal, Chicago, Ill.

PARTNERS WANTED.

WANTED—First-class cash grain broker to take management of grain brokerage office in prominent city in Central Illinois, on commission basis. Address Brokerage, Box 7, Grain Dealers Journal, Chicago, Ill.

PARTNER WANTED—In one of the best grain propositions in Southwestern Minnesota and South Dakota. Want party to take active interest— $\frac{1}{2}$ or $\frac{1}{2}$ interest to right party. A chance of a life time. Address Thirteen, Box 6, Grain Dealers Journal, Chicago, Ill.

HAY WANTED.

W. D. POWER & Co., Commission Hay and Straw, 601 West 33rd St., New York, are in the market at all times for large and small Hay of a good quality. Will purchase outright or handle on commission. Correspondence solicited.

MILLS FOR SALE.

FOR SALE—One hundred fifty-barrel flour mill in good wheat country. Been built one year. Write C. W. Trippy, Ringwood, Okla.

OKLAHOMA MILL FOR SALE.—New mill, doing a good business, 130 bbl. Everything in good order; fine wheat country. Address Box 32, Bridgeport, Okla.

FOR SALE 60 bbl. Plansifter Mill at Dry Ridge, Ky. Plenty wheat, fine grist trade. Rare chance for first-class miller who has little money. Address Robt. Taylor quick, Higginsport, O.

MILL FOR SALE—Modern, up-to-date, in excellent repair. Running every day. One Hundred Fifty barrels capacity of flour. Fifty barrels of meal. Nice line of cash car-lot customers. Address, J. W. Moran, Lamar, Mo.

WANTED: An experienced flour mill man to buy stock in a 125 barrel mill and operate, or to buy all. Mill is new located in corn and wheat country and has a good business already established. Allis-Chalmers machinery. Corn meal outfit in mill will make 200 to 300 bu. meal per day. Cause for selling, bad health. Address H. K. Holman, Fayetteville, Tenn.

HELP WANTED.

WANTED—A man to work in elevator; \$60 per month. Address The Badger State Malt Co., Waterloo, Wis.

WANTED—Young man to assist Miller and Millwright and make himself generally useful in grain elevator. Steady position. Geo. N. Reinhardt & Co., 943 Brook Ave., New York City.

WANTED—A competent and experienced Manager for Machinery Supply business, located at best point in the Northwest. Must take half interest in business, with \$3000 to \$5000 capital. Address Machinery Dept., 315 Pearl St., Sioux City, Ia.

FEED FOR SALE.

OFFER—Buckwheat Feed for present and future shipment. H. J. Klingler & Co., Butler, Pa.

ALFALFA MEAL FOR SALE.

We are booked ahead on ALFALFA MEAL. Let us send you sample and prices delivered. F. G. Olson, Wichita, Kas.

DO IT NOW.

GRAIN DEALERS JOURNAL

285 La Salle St., Chicago, Ill.

Gentlemen:—Enclosed find One Dollar and Fifty Cents for which please send the *Grain Dealers Journal* on the 10th and 25th of each month for one year to

Name of firm.....

Capacity of Elevator..... Post Office.....

.....bus. State.....

ENCINES FOR SALE.

GASOLINE engines for sale, 10 h.p.
Temple Pump Co., 15th Place, Chicago.

FOR SALE—8 H. P. Witte Gas Engine, in good condition. Price \$175.00, F. O. B. Ottawa. The Herald, Ottawa, Kans.

FOR SALE—15 h.p. Fairbanks & Morse Engine. A bargain if taken at once. Wallace Machinery Co., Champaign, Ill.

FOR SALE—Bargains in second-hand gas and gasoline engines, from 3 to 35 H.P. C. P. & J. Lauson Co., 841-7 Thirtieth St., Milwaukee, Wis.

WE HAVE for sale a heavy duty Hamilton Corliss engine, 24x48 in., in good condition. For full particulars call on or write Bemis Bro. Bag Co., St. Louis, Mo.

FOR SALE—One 16 H.P. Columbus gasoline engine of the four-cycle horizontal stationary type. This engine has been used but little and is guaranteed in perfect order. McGregor Light & Lumber Co., McGregor, Iowa.

GAS AND GASOLINE ENGINE BARGAINS.

75 H. P. Ajax, used only 3 mos., \$1250; 44 H. P. Otto, \$750; 22 H. P. Fairbanks-Morse (good as new), \$500; 18 H. P. Olds, used less than 2 mos., \$500; 12 H. P. Lewis, \$250; 12 H. P. Fairbanks-Morse, portable, \$400; Other sizes at proportionate prices. Also new and second-hand boilers and engines, mill and elevator machinery, belting, pulleys, etc. Peters & Edholm Co., 10th & Douglas Sts., Omaha, Neb.

GAS ENGINES FOR SALE.

25 H.P. Fairbanks Morse.
20 H.P. Fairbanks Morse.
15 H.P. Fairbanks Morse.
2-12 H.P. Fairbanks Morse.
6 H.P. Fairbanks Morse.
16 H.P. Lewis.
22 H. P. Foos.
25 H.P. Columbus.
6 H.P. Columbus.
8 H.P. Otto.

Also fifty engines of smaller sizes and all makes. A. H. McDonald, 62 W. Monroe St., Chicago, Ill.

BALE TIES FOR SALE.**HAY BALE TIES.**

Large stock, low prices.
Prompt shipment. Write us.
J. G. Hermann & Co., Indianapolis, Ind.

MACHINES FOR SALE.

FOR SALE—1 Western Corn Sheller, No. 2½ capacity, from 700 to 900 bu. per hour; used 5 months. Also our McLeod Automatic Scale, used same length of time, rated to weigh 1,500 bu. per hour. Will sell cheap. C. M. Kerlin & Co., Delphi, Ind.

FOR SALE—1 Western Corn Sheller No. 2½. Capacity 400 to 500 bu. per hour. 1 Marseilles Corn Sheller, size 1, capacity 400 to 500 bu. per hour. 1 Western Suction Fan, 45 inch fan, capacity 500 bu. per hour. These machines have been thoroughly repaired and are first class. Address A. H. Richner, Crawfordsville, Ind.

MACHINES WANTED.

WANTED—Combined corn sheller and cleaner, with capacity from 150 to 250 bushels per hour. Must be in good condition and cheap. Address B. Strong Gr. Co., Conway Springs, Kans.

ENGINES AND BOILERS.**GOOD BOILERS FOR SALE.**

4-60 In. Diameter 16 ft. long, 90 H. P. 58 Flues.
Address South Chicago Elevator Co., 240 La Salle St., Chicago, Ill.

FOR SALE.**ENGINES AND BOILERS.**

Engines—Corliss, Automatic and Throttling, all sizes from 1 to 500 H. P. Boilers—Horizontal, Portable and Vertical, all sizes from 1 to 200 H. P. Pumps, Heaters, Tanks, Saw Mill and General Machinery.

Write for our prices on your requirements.

The Randle Machinery Co.
1748 Powers St. Cincinnati, O.

MISCELLANEOUS FOR SALE.

GRAIN TESTERS: Three sizes, one pint, one quart and two quarts. Guaranteed correct, sent on trial. Write for prices. A. S. Garman Co., Akron, Ohio.

BARLEY GERMINATOR For Sale. Made of glass; has eight glass shelves. Size of box 7½x10½x11. Price \$5.00. Address Germinator, Box 5, Grain Dealers Journal, Chicago.

FOR SALE—Fifty-four 4-inch tubes, suitable for 14-foot boiler. Guaranteed to be in first-class condition. Price very reasonable. D. Rothschild Grain Co., Davenport, Iowa.

GRAIN FOR SALE.

FOR SALE—Oats and corn in car lots. Ask for quotations. Buckland Milling Co., Buckland, Ohio.

NEW WHEAT: TURKEY hard and ordinary. MILLING wheat. Samples and prices on application. F. G. Olson Grain Co., Wichita, Kansas.

FOR SALE—Wheat, Corn, Oats, and Kaffir Corn. Delivered prices made on request to any points in the United States. Stevens-Scott Grain Co., Wichita, Kans.

RICE PRODUCTS FOR SALE.

RICE PRODUCTS FOR SALE.—Rice bran (20% protein and fat guaranteed) rice polish and finely ground, or unground rice hulls, carload lots or large contracts. Write P. G. Sackenreuther, Broker, Houston, Texas.

SCALES FOR SALE.

SCALES for elevators and mills; low-st prices. Chicago Scale Co., Chicago.

FOR SALE one pair of Fairbanks track scales, second hand. S. W. Allerton, Allerton, Ill.

ONE 600 BU. Fairbanks hopper scale good as new, for sale. Address McLeod Bros., Bloomington, Ill.

FOR SALE: New and second hand wagon, hopper and R. R. Track scales at reduced prices. All kinds of scales repaired. Beckman Bros., Des Moines, Iowa.

SCALES of all kinds repaired rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, Ohio.

STANDARD SCALES for mill and elevator purposes. Steel frames for all standard make of scales. We meet every requirement of the best of the grain trade. Standard Scale & Mfg. Co., 601 East Court Ave., Des Moines, Ia.

SCALES FOR SALE.

1 700 Bu. Howe Hopper Scale.
1 300 Bu. Fairbanks Hopper Scale.
2 6 Ton Fairbanks Wagon Scale,
1 6 Ton Howe Wagon Scale,
1 2500 Lb. Fairbanks Dormant Scale,
1 2500 Lb. Fairbanks Portable Scale,
2 600 Lb. Fairbanks Portable Scale.

THE OMAHA SCALE CO.,
201 So. 10th St., Omaha, Neb.

Sales, Shipments and Returns

A book invaluable to the country grain shipper in keeping a detailed record of his sales, shipments and returns from each shipment made. Its use will save much time and book work. The pages are used double. The left-hand pages are ruled for information regarding **SALES and SHIPMENTS**; the right-hand pages for **RETURNS**. **SALES** column headings are Date, Amount Sold, Price, Grain, Terms. **SHIPMENTS** headings are Date, Car Number and Initial, Over Weights, In Bushels, Grade, Route, Rate. **RETURNS** headings are Destination Grade, Difference, Bushels, Over, Short, Gross Proceeds, Freight, Over, Short, Commissions, Other Charges, Total Charges, Net Proceeds, Drafts, Remarks.

Each of its 152 pages of heavy linen ledger, is 10½x16½ inches contain lines, so that records of over 2,200 cars can be entered. Bound in heavy capvass.

Order Form 14AA. Price \$2.00.

GRAIN DEALERS JOURNAL, 255 La Salle St., CHICAGO, ILL.

Register of Grain Received**In Wagon Load Lots No. 12aa**

This book is invaluable to the country grain man and is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received.

Each page is 8½x14 inches and at top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount, and Remarks.

Each page has spaces for 40 wagon loads and each book has 100 pages, making each book contain spaces for records of 4,000 loads. The book is well printed and ruled on sterling ledger paper, and substantially bound in extra heavy binder board with leather back. Price \$1.50.

FOR SALE BY

GRAIN DEALERS JOURNAL, 255 LaSalle St., CHICAGO, ILL.

GRAIN WANTED.

MILLING BUCKWHEAT Wanted.
Benton Roller Mills, Benton, Pa.

MILLING BUCKWHEAT wanted.
Address H. J. Klingler & Co., Butler, Pa.

MILLING BUCKWHEAT WANTED.
Address H. H. Emminga, Golden, Ill.

MILLING BUCKWHEAT WANTED.
D. Gratz & Son, Tecumseh, Mich.

MILLING BUCKWHEAT wanted.
Miner-Hillard Milling Co., Wilkesbarre, Pa.

MILLING BUCKWHEAT wanted.
Prattsburgh Roller Mills, Prattsburgh, N. Y.

WE ARE in the market for speltz in car lots. Send liberal sized samples. Moore-Lawless Grain Co., Kansas City, Mo.

HOT AND DAMAGED CORN of every description wanted. Address L. F. Miller & Sons, 2931 N. Broad St., Philadelphia, Pa.

WE ARE in need of Buckwheat Grain. Mail sample with price delivered track Detroit, Mich. Commercial Milling Co., Detroit, Michigan.

J. A. Bushfield & Co., Grain Brokers, 327 Sedgwick Bldg., Wichita, Kans. Buyers of all kinds of grain for mills and elevators. Write for bids.

ALFALFA MEAL

and Alfalfa Stock Foods

The most economical, the least expensive. Write for prices.

H. C. THOMPSON, Wichita, Kan.

THE TOLEDO FIELD SEED CO. CLOVER AND TIMOTHY SEED

Consignments Solicited.
Send Us Your Samples.

ASK FOR OUR DAILY BIDS
TOLEDO, OHIO

I BUY AND SELL

Salvage Grain, Screenings and Off Grades of Grain and Feed

WM. B. GALLAGHER
72 Pearl Street - - BUFFALO, N. Y.

CLOVER AND TIMOTHY

We buy and sell. Please send in your samples or ask for samples and we will quote you prices either way. If you have any other seed to sell or if you are in need of any we handle all kinds.

STOECKER SEED CO., Peoria, Ill.

Seeds

Medium
Mammoth,
Timothy and
Alsike

We make a specialty of Clover, free from Buckhorn. Ask for Samples and Price delivered.

O. GANDY & CO.
South Whitley Indiana

SEEDS WANTED.

FIELD SEEDS and kaffir corn. Send samples. J. Oliver Johnson, Chicago.

SEEDS WANTED—Clover, Timothy, Blue Grass, Orchard, Millet, etc. Send samples, D. I. Bushnell & Co., St. Louis, Mo.

ALFALFA SEED is my specialty and I am always ready to purchase seed in any quantity. R. E. Smith, Sherman, Tex.

WANTED.—Alsike badly mixed with timothy, Clover badly mixed with buckhorn. Send large samples and lowest prices. Address Samuel Franks, Millersburg, Ohio.

WANTED—Clover Seed. Will buy bad Buck-horn lots, and Clover tailings. Send fair, average samples, with bottom prices, or ask for bids. C. C. Norton's Sons, Greenfield, O.

WE ARE buyers of Medium, Mammoth Clover and Timothy Seed. Please send samples. We are sellers of Canadian Alsike. Write us for samples and prices. The Steele, Briggs Seed Co., Limited, Toronto, Ont., Canada.

BRAN FOR SALE.

NEW BRAN: We are making prices for September and October shipment. Let us hear from you if interested. F. G. Olson Grain Co., Wichita, Kas.

BAGS FOR SALE.

NEW BURLAP BAGS made up promptly; bottom prices. We buy reliable second-hand bags, and carry all kinds in stock; get our prices. William Ross & Co., 59 So. Water St., Chicago, Ill.

SEEDS FOR SALE.

MEDIUM clover seed for sale. Get samples and prices. W. C. Raucsher, Lockridge, Ia.

CLOVER SEED for sale. Name quantity and grade wanted. H. H. Emminga, Golden, Ill.

MEDIUM and Mammoth Clover Seed for sale. Send for samples and prices. H. J. Weaver, Galion, O.

FOR SALE—Clover and Timothy Seed fine quality. Send for samples. A. D. Hayes, New London, Iowa.

ALFALFA SEED in any quantity, always for sale. I make a specialty of Alfalfa seed alone. R. E. Smith, Sherman, Tex.

WE HAVE the biggest and finest crop of red clover seed ever grown. Write us for samples and prices. S. Bash & Co., Fort Wayne, Ind.

JAPANESE BUCKWHEAT — Recleaned Japanese Buckwheat, dry and cool. Write for prices and samples. H. B. Low & Son, Orangeville, Pa.

SEED FOR SALE—C-a-r L-o-a-d-s o-r l-e-s-s. Alsike, Timothy, medium, or Mammoth Red Clover. We sell by sample or by official grades. Nathan & Levy, Ft. Wayne, Ind.

CLOVER SEED.—Mammoth, Little Red, Alsike, No Buckhorn. Write for samples and prices. Oats and Corn, straight or split cars. Bourbon Elevator Co., Bourbon, Ind.

THE BEST ALFALFA SEED GROWS "OUT THERE IN KANSAS." We sell it. Ask for samples and prices. Small booklet on Alfalfa mailed free of charge. The Barteldes Seed Co., Lawrence, Kansas.

KAFFIR CORN MILO MAIZE

If you are a consumer or shipper of the above get in touch with

J. R. Tomlin Grain Co., Kansas City, Mo.

THE ALBERT DICKINSON CO.

Clovers

Timothy

Flaxseed

Bromus inermis

Dwarf Essex Rape Seed

Main Office, CHICAGO, ILL.

SEEDS

Blue Grass

Orchard Grass

Millet, Hungarian

Redtop, Seed Corn

Peas, Beans, Bags, etc.

MINNEAPOLIS, MINN.

INCREASE YOUR CORN RECEIPTS

Handle and make it Convenient for Local Cattle Feeders to Secure CHICO FEED

(Cotton seed meal and hulls—mixed—100-lb. sacks.) Reduces feeders' corn requirements. Cheap, rapid flesh producer. Substitute for bran in dairy feeding.

Chickasha Cotton Oil Co. :: :: 136 L. S. Exchange, Kansas City, Missouri.

Financial Responsibility \$1,000,000. Mills: CHICKASHA, HOBART, ALTUS, CLINTON, ANADARKO, OKLAHOMA

MILWAUKEE BAGS

for grain, feed or flour—made right, and printed better than necessary.

Write us for samples and prices.

MILWAUKEE BAG CO., Milwaukee, Wis.

MILWAUKEE
BAG
COMPANY

MILWAUKEE
BAG
COMPANY

The Invincible Compound-Shake Dustless Double Receiving Separator

Made in Eleven Sizes

**IT LEADS
VIBRATION ELIMINATED
LARGEST CAPACITY
A VARIETY OF SCREENS
DEPENDABLE GUARANTEED**

¶ We have been building machines for grain dealers for many years and we have sold them hundreds because we know what is needed.

¶ "INVINCIBLE" on any grain cleaning machine has been backed by our time and money until the *name* now means "SATISFACTION" to elevator operators.

**JOIN THE FAMILY
Invincible Grain Cleaner Co.**

Silver Creek, N. Y.

REPRESENTED BY

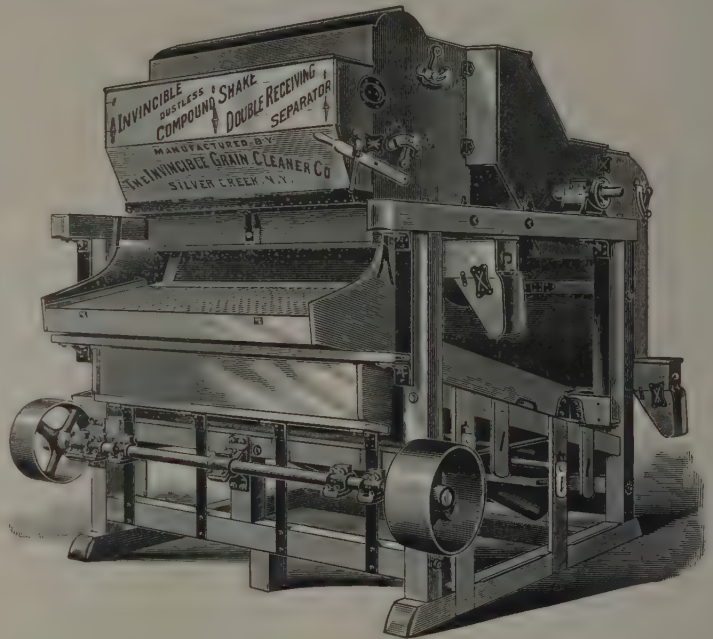
W. J. Scott, 512 Traders Bldg., Chicago, Ill.
Phone Harrison 667

Southwestern Office, 225 Exchange Bldg.,
Kansas City, Mo.

C. L. Hogle, 623 Board of Trade, Indianapolis, Ind.

N. W. REPRESENTATIVES:

Strong-Scott Mfg. Co., Minneapolis, Minn.
Send for 1908 Catalog.



The Beall Rotating Wheat Cleaner

is guaranteed to be superior to any other machine on the market, not only for cleaning wheat but for cleaning oats and corn. If you are a man with actual practical knowledge of what is required in a grain separator, you will buy a Beall when you become familiar with its construction. If you are in the market for a *high grade* cleaner, write us for information about this machine.

"The best is the cheapest."

THE BEALL IMPROVEMENTS CO.

Decatur, Ill.

GRAIN DEALERS JOURNAL

Published on the
10th and 25th of Each Month
by the

Grain Dealers Company

255 La Salle Street, Chicago, Ill.

CHARLES S. CLARK,
Manager.

Subscription Rates

To United States, Canada and Mexico one year \$1.50; two years \$2.50.
To Foreign Countries within the Postal Union, prepaid, one year \$2.50; two years \$4.00.
A Red Wrapper on your Journal means your subscription has expired.

The Advertising

value of The Grain Dealers Journal as a medium for reaching the progressive grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms place your announcements in the leading Journal.

The rate for Advertisements in the "For Sale" and "Wanted" Departments is 15 cents per line for each insertion.

Letters

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered as Second-Class Matter Aug. 5, 1898, at the Post Office at Chicago, Ill., under Act of March 3, 1879.

GOLD MARKS SIGNIFYING QUALITY OF CIRCULATION HAVE BEEN AWARDED THE GRAIN DEALERS JOURNAL BY THE AMERICAN NEWSPAPER DIRECTORY

CHICAGO, ILL., OCTOBER 10, 1908.

DEALERS who fear competition have the greatest foe within.

SHIPPERS who sign the new Uniform B/L sign away nearly all the rights they ever had.

ADVANCING money without charging interest is not practiced by the dealer who has backbone enough to run his own business.

POSTING "the Day's Prices" at the elevator door removes suspicion of paying varying prices and every farmer is more content to accept the posted price.

WHEN the farmer's frequent question "What you paying for corn?" gives way to "What are you paying for No. 2 corn?" the real improvement in corn will have commenced.

SHIPPERS who are unable to obtain lumber for making grain doors from railroad companies, will promote their own interests, as well as that of other dealers, by writing us the facts.

THE WAR talk does not seem to have scared the grain trade sufficiently to influence prices, and, from present indications, the troubles will be settled by a conference of European powers.

ARE YOU using the form of confirmation blank prescribed by the Grain Dealers National Ass'n.? If not, why not? If you have something better, the trade would be pleased to know of it. Our columns are open for an explanation of your forms.

GRAIN DEALERS DAY at the National Corn Exposition, Omaha, has been set for Dec. 15. The grain dealers are taking an unusual interest in the exposition this year and are making special arrangements to advance the cause of improved oats.

BARLEY FUTURES have been talked of at Minneapolis and talked of at Milwaukee so much this season, that the future has long since become the past. Whenever there becomes a decided demand for barley futures, no doubt the trade will provide them.

A FEW of the dealers who will be at St. Louis next week have taken the trouble to send us their names, which are published elsewhere in this number. You can meet all of them and many hundreds more at the Annual Convention of the National Ass'n. in St. Louis, next week. Don't miss it.

THE FIRST CAR of new corn to arrive in Chicago, graded No. 3, and was sold at 76c. Northern shippers should not overlook the fact that this corn was grown in Oklahoma. No doubt, Northern grown corn will be in condition to handle earlier than usual, but some of it is still immature and storage in a closed car is sure to result in its getting red-hot.

THE AMERICAN BANKERS ASS'N., at its recent meeting, recommended to its members that after Jan. 1, '09, they only handle for value "order" bills of lading issued by carriers on forms recommended by the Interstate Commerce Commission as order bills of lading, or on the clean order bill of lading, without conditions, which is the form recommended by the National Industrial Traffic League, and published in the last number of the Grain Dealers Journal. In other words, the bankers will accept either of the forms now recommended to the shipping public.

NOW THAT grain dealers have taken up in earnest the agitation for improvement of the quality and quantity of oats grown, they may be induced to discriminate against mixed oats when buying. Such oats command a lower price in Central markets and hence are not worth as much as oats of pure variety at country points. In most sections, white oats are preferred, and generally command a higher price in the Central markets, but farmers will not give much attention to improving their oats until the country buyers discriminate sharply in favor of the heavy oats of pure variety.

UNTIL RECENTLY, the American Railway Ass'n. has sought to advise everyone of the large percentage of freight cars idle, but now, that the supply fails to equal the demand in some sections, it is presumed the reports will cease. It would be unlike the railroads to advertise their inability to care for the shipping public. Dealers who sell grain for early delivery may not be able to get the cars needed.

THE American Society of Equity, altho no longer dominated by Mr. Everett of Indianapolis, is making large claims about holding back wheat. Judging from the large receipts in Northwestern markets so far this season, the Society is not controlling all the wheat growers, altho it may be controlling the winter wheat growers to their own disadvantage. Those who marketed their wheat early, obtained a very satisfactory price for it.

MUNICIPAL ELEVATORS have never been known to be a success, but in defiance of experience, the City of South Qu' Appelle, Sask., built two, some years ago, and attempted to operate them, without success. Finally the City Council has decided to lease or sell both houses. Again we reiterate that the proper province of government is to govern, to regulate. The minute it engages in business, it deserves the failure it generally meets with.

RECIPROCAL DEMURRAGE received new recognition at the meeting of the National Ass'n. of Railway Commissioners this week, the principle being commended most enthusiastically by the Ass'n. It is the only fair arrangement for shippers and carriers, and should facilitate the release of cars, as well as the supplying of empties. It is doubtful, however, if Reciprocal Demurrage will ever become an established fact until all of the state legislatures and Congress have adopted a rigid law, bearing on this subject.

SUCCESSFUL damage suits against Kansas railroads for failure to provide cars ordered for shipment of grain within the time prescribed by law, is sure to make them respect the orders of would-be grain shippers hereafter. One of the latest suits successfully prosecuted, in which this point was involved, was by President Cox of the Kansas Grain Dealers Ass'n., against the M., K. & T. R. R., the plaintiff came within one vote of having the full amount of his claim allowed by the jury. As it was, damages to the amount of \$500 were allowed. Other suits, similar in character, are pending and, no doubt, Kansas shippers profiting by the success of the pioneers in this litigation will fight for damages when cars are not supplied, as provided by law.

LANTERNS seem to be very dangerous things to have around a grain elevator. Several times this year have we reported serious fires resulting from their explosion or the explosion resulting from dust-laden air coming in contact with the flame. The night before last, Inkster, N. D., was almost wiped off the map as the result of a fire started in an elevator by the explosion of a lantern. Evidently, carelessness is as much, if not more, to blame than the lantern, in most of these cases.

CONDITIONS governing the leasing of railroad right of way for elevator sites are being made so burdensome by many lines, that grain dealers find it much cheaper and far more satisfactory to build their elevators on their own ground. Then, too, they escape releasing railroad companies from liability for destruction of their plants by fires started by locomotive sparks. The prolonged dry spell has greatly increased the spark hazard and we have published recently the notices of several elevator fires traceable to locomotive sparks, yet the offending railroad will deny liability because of release in lease.

THE C. & N. W. Ry. is credited with refusing to allow claims for refund of overcharge on freight on the ground that such action would be illegal. In view of this action, shippers who are patrons of this line will be justified in refusing to make good undercharges by the Railroad Co.'s rate clerks, because, if it is illegal to refund an overcharge, it is surely illegal to make good an undercharge. However, it is fair to say that the courts and the Interstate Commerce Commission hold that the only legal rate is that filed with the Commission. The payment of any other results in discrimination.

SHIPPERS who take any real interest in their business, are requested by the National Industrial Traffic League, which held its annual meeting in this city yesterday, to file their written protests to such features of the new uniform bill of lading with Sec. W. E. Cook, of Chicago. The League re-affirmed its belief in the justice and necessity of a simple bill of lading. As soon as a number of protests have been received, the objections will be formulated by the Executive Committee of the League and presented to the proper authorities. The League will also file a protest with the Interstate Commerce Commission against the action of lines in official classification territory, coupling the 10% additional charge with the use of bills of lading, requiring carriers to assume their common law and statute liabilities. The Traffic League is the only organization which seems to have enough perseverance to continue the fight for the rights of the shippers.

WILD MUSTARD seed is not commanding a high premium in any of the terminal markets, so it is a waste of good money to pay freight on it to any market unless it is shipped by itself on a special order. One Baltimore receiver recently ordered a car of oats, received from the West, to be screened and blown with the result that the load weighed about 3,000 lbs. less after the mustard was removed. Had the shipper removed it before loading oats into car, he would have saved freight on the waste, obtained a higher price for the oats, and escaped paying for re-elevation and cleaning at terminal.

DEDUCTION FOR "NATURAL SHRINKAGE" CANNOT BE JUSTIFIED.

Altho the Interstate Commerce Commission has recommended a form of B/L in which railroad companies are permitted to deduct a stipulated percentage to allow for so-called "natural shrinkage," Chairman Knapp has written a letter in which he says that if shippers are not satisfied to allow such a deduction, then the Commission will grant a hearing and give railroad companies a chance to prove that such deductions are reasonable and fair. Every grain shipper knows that the railroad companies can prove nothing of the kind. One deeply interested in the "natural shrinkage" problem recently addressed a letter of inquiry to 25 prominent grain carrying lines, but not one has so far attempted to defend or justify the deduction. The queries put to the roads are as follows: Can You Justify Deduction for "Natural Shrinkage"?

Will you kindly inform us what are your rules governing the payment of claims for shortages in shipments of grain.

Do you, at any point, refuse to pay shortage claims until claimant allows a deduction on account of "natural shrinkage"?

Is your practice in this matter the same at all points on your line?

How much of a deduction do you insist upon to allow for "natural shrinkage"?

What is "natural shrinkage" and how do you determine its amount on a car of grain?

Is the "natural shrinkage" on old, the same as on new grain?

Is the "natural shrinkage" of a car of grain in transit ten days as much as when a car of the same grain is out forty days?

Is the "natural shrinkage" of hard wheat as much as of corn?

Any information you may give us as to the proper way to determine the "natural shrinkage" of the different grains shipped in bulk over your line will be greatly appreciated by our many readers.

We feel certain that it is not your intention to deprive patrons of your road of their property unfairly and without being able to justify your deduction.

We know all grain dealers will be glad to learn how to determine the "natural shrinkage" and we shall thank you most earnestly for an early reply.

If any shipper can induce a traffic manager of a road he patronizes, to explain how he arrives at the "natural shrinkage," we will be only too glad to publish his explanation in the Grain Dealers Journal. Many shippers now are disposed to look upon the deduction as a plain steal. If the railroad companies are able to justify the deduction, shippers will, of course, refrain from calling them thieves and we doubt not that the railroad officials will condemn the practice the minute it is investigated by anyone of real authority.

RAILROAD COMPANIES can lawfully reimburse shippers for any expense incurred in providing grain doors, if they choose to file a tariff with the Interstate Commerce Commission, so stipulating, but they cannot be expected to do so, so long as shippers continue to provide grain doors at their own expense and without protest. Even the offending carriers recognize and admit that shippers should be reimbursed, but they will not change their policy until the shippers rise up in their wrath and make a noise like a mad man. Some courts have assisted shippers in the collection of their claims for expenses incurred in cooping cars and building grain doors, and, no doubt, others will recognize and support claims of grain shippers in the future. It is not right that shippers should bear the expense of preparing cars for the receipt of their grain. The railroad companies coopeer grain cars carefully and thoroly at their own expense, at all the large grain centers. To refuse to do so at any other points is rank discrimination.

ANOTHER DUST EXPLOSION.

This week at Richford, Vt., occurred one of the most destructive explosions of elevator dust ever recorded in our columns. An elevator of 500,000 bushels capacity was blown to pieces and the ruins immediately set on fire, 17 employes being killed, either by the force of the explosion or by the fire which burst out in every part of the structure, immediately following the explosion.

The elevator could not have been kept clean or the explosion would not have occurred. The season has been so dry, and oats, the principal grain handled, so chaffy, that, no doubt, more dust resulted from their handling than usual.

The force of the explosion of dust was enormous, the concussion is said to have shaken the entire village. The danger of attempting to operate a cleaning elevator without an up-to-date dust collecting plant is most emphatically illustrated by this dreadful disaster. It has long been recognized that the dust of vegetable matter, and especially the fine dust resulting from the abrasion of grain when suspended in air in certain proportions, is a dangerous and powerful explosive, and the dust dislodged by the resulting explosion always facilitates the spread of flames with lightning rapidity.

The explosion of the Washburn Mills in 1878, with its frightful destruction of life and property, led to the equipping of all flour mills with perfect dust-collecting apparatus. The grain dealers, however, seem to be in need of many frightful examples of the explosive force of grain dust, ere they will take the needed precautions to prevent such disaster. It is but a few years since a Toledo elevator blew up and carried 14 souls into eternity, and hardly a year has passed since, that we have not recorded one or more explosions of this character. The risk of dust explosions is too great for any grain dealer who has any money invested to think of operating a cleaning elevator without modern dust collecting apparatus.

THE OBJECTIONABLE CONDITIONS OF THE NEW B/L

Grain shippers are just awakening to the fact that the conditions of the new uniform bill of lading, recommended by the Interstate Commerce Commission, and adopted by all the carriers in official classification territory, is a vicious violation of their rights under the Interstate Commerce Law, the Common Law, and the laws of many states.

Some despondent shippers are talking of going out of business, while the more courageous ones are protesting with all possible earnestness. As if to add insult to injury, the Central Freight Ass'n. has recently issued a supplementary circular, notifying the shippers that those who refuse to accept the uniform bill of lading will be permitted to ship property at carrier's liability, limited only as provided by common law, the laws of the United States, and of the several states, but subject to the terms and conditions of uniform bill of lading, in so far as they are not inconsistent with such common carriers' liability at an increased charge of 10%. This is most unjust extortion and we doubt very much if any court would sustain a carrier in charging anything for assuming its liabilities under the common law or the statutes, and it would seem that an action to collect the excessive charge could successfully be waged. The extra charge for assuming this liability was discussed pro and con at the meeting of the Ohio Ass'n., an account of which is published elsewhere in this number.

Grain shippers who have taken the trouble to examine closely the conditions of the uniform bill of lading feel convinced that their interests have been considered the least of all, and the burdensome conditions seem to be designed primarily to relieve carriers from all trouble or liability in the handling of bulk grain shipments. The carrier's liability is limited to its own road in direct violation of Section 20 of the Interstate Commerce Law, and this, too, has been recommended by the Interstate Commerce Commission, altho it admits without authority. However, if a shipper signs this contract, as the railroads contemplate he shall do, then he will experience much difficulty in collecting damages in many of the courts. Had the carriers seen fit to give a clean bill of lading, without conditions, at the schedule rate, and give a reduction of 10% to those who saw fit to accept the unfair conditions of the uniform bill of lading, then would the new forms have been adopted without protest and without injustice.

Carriers are relieved from transporting freight for any market, or otherwise, than with *reasonable* dispatch. That old rubber term "reasonable" seems to have been the bane of the grain trade for 50

years,—ever since politicians attempted to grade grain by rule.

The time claimant must file his claim with carrier is unfairly limited, and the carriers recognize that fact.

Under the conditions of the new bill, carriers will be at liberty to require shippers to cooper cars at their own expense, a thing they have long hoped for and some even dared to collect for.

Altho carrier is in no wise required to notify anybody that a consignment of grain has arrived at destination, it is given authority to unload it promptly and place it in bins with other grain of the "same kind and grade." Shippers who have choice lots of good grain would enjoy being robbed of their property. The Commission seems to have overlooked the fact that when good grain loses its identity in a terminal elevator, the shipper suffers an unreasonable loss.

Altho the carrier is permitted to make a reasonable charge for the detention of a vessel or car, shipper must wait all eternity before shipping facilities are provided him, if the carrier so desires.

The conditions are full of injustice, which will work many hardships upon grain shippers. The trade has too long been asleep. If it is now to escape the unfair regulations of this new bill, all shippers must go to St. Louis next week with a determination to do something and put a number of vigorous committees in action.

FARMERS MUST DELIVER GRAIN SOLD.

It is indeed gratifying to record occasionally that another grain dealer with back-bone enough to stand up for the rights of his business, has seen fit to sue grain grower for losses suffered by his failure to deliver grain sold. Said suits are becoming more and more frequent and will naturally result in the farmers recognizing and respecting their sales.

In our Illinois news column is recorded another suit in which no written contract was entered into, but the buyer had entered the purchase of 7,000 bushels of corn at 49c in his book. A marked advance in the market induced the farmer to hold his corn for even higher prices. The Jury decided that this was wrong and awarded the plaintiff damages.

More country grain buyers are using written contracts today than ever before. They understand the laws better and their rights under the laws, and naturally the farmers who contract the sale of their grain do not default so frequently as formerly. It will require but one or two successful law suits in each district to convince the farmers that it is incumbent upon them to make good their contracts and thereby protect the buyer from loss.

The grain buyers themselves are to blame for the farmers being so back-

ward about making good their contracts. The buyers have been so easy, the farmers are unwilling to believe they have suffered any loss. A change can readily be brot about by the shippers standing up for their rights.

Over 50 Per Cent of Cars Arriving at Superior Last Month Were Leaking.

H. A. Juneau, Chief Weighmaster at Superior, Wis., reports that during September, 10,861 cars of grain were received at that point, 5,941 being found leaking, as follows: At grain doors, 3,929; at ends, 2,628; at sides, 1,032; at corners, 479; at draw bar, 245; bottom leaks, 97.

Five hundred and eighteen other cars were reported newly nailed, patched, or cleated. Whether this work was done by Railroad Company or shipper, the Weighing Dept. was unable to decide. Seventeen cars had leaks stuffed with rags, waste, paper, or grass; 16 cars showed evidence of having been pilfered; 9 repaired showed depression in grain line, which may have resulted from a leak; 9 were reported in bad order; 2 were reloaded from wrecks; 19 arrived without side doors; 4 had no ends doors; 2 had roof broken away at one end.

After such startling evidence of rank carelessness and utter disregard of the ordinary precautions needed to be taken in order to make possible the safe arrival at destination of all grain placed in the car, it is not surprising to read the startling results of the Department's seal records: 1,305 cars had no end door seals; 770 had no side door seals; 267 cars had end doors open; 114 cars had side doors open. The shippers and the railroads, no doubt, are equally culpable. Both need to reform. Both must make a more earnest effort to protect grain shipped to terminal markets.

Under the present reign of Rank Carelessness and Don't Care A Rap, the wonder is, so few shortages are complained of. This may be explained in a measure by the absence of reliable weighing facilities in country elevators. The dealers don't know when their shipments are short. They struggle along in the dark until the end of the crop year, and then blame ill-luck for the poor results of the year's business.

At the Columbus Meeting of the Ohio Ass'n., this week, it was stated by a representative of the Baltimore market that 72% of the grain laden cars arriving in that market in August were leaking. Shippers who are so confident that every car is carefully prepared for shipment before it leaves their elevator, should ask for a report of the condition of each car, upon its arrival at destination, and study the cooping of cars to the end that they may be protected from the many heavy shortages now occurring. Those who do not care, or are unwilling to adopt ordinary precautions, must pay an ever-increasing penalty.

Kansas City's Chief Weighmaster Goodwin reports 2,962 leaking cars of grain received in that market during September; 1,535 with no seals.

At Kansas City during August 351 arrived leaking at the grain door and 3,295 were leaking elsewhere.

Galveston received 2,994 cars of grain laden cars during August, of which 1,538 were leaking.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain publication here. The experience of your brother dealers is worth consulting. Readers should send us their query for free replies to queries are solicited.]

WATER BARRELS FOR FIRE PROTECTION.

Grain Dealers Journal: We have had trouble with our water barrels for fire protection. The old second-hand gasoline coal oil or tar barrels which are commonly used for this purpose are made with black iron hoops, and on account of the salt or other solutions in the water, which must necessarily be put there to keep the water from freezing during the cold weather, causes the black hoops to rust out in a very short time, owing to the chemical effect of these solutions.

I understand there has been found a treatment for steel hoops which will withstand this chemical effect;—the process of heavy galvanizing by electricity. I understand the water barrels are made with galvanized hoops and will last an indefinite time. The staves in the barrels are made from kiln-dried material, are put together by hand instead of machinery, thus making a very durable barrel. Can you give me some information concerning this process?—J. J. F.

Ans.—If the people who manufacture this barrel are using a cold treatment of galvanizing hoops by electricity the barrel will not stand up as they specify. There are manufacturers who make barrels with galvanized hoops which have stood for months in a dark, wet cellar, the barrels being filled with brine and still they were not affected by the acid. A high-class barrel with a galvanized hoop is made at Sharon, Pa., which will stand the test of time and water. There are a number of concerns who manufacture good cooperage.

RECOURSE ON SALE DESTINATION WEIGHTS AND GRADES.

Grain Dealers Journal: In reply to Oklahoma Dealer with regard to his contract for delivery on destination weights and grades, as stated on page 255 of the Journal for Aug. 25, I would say that on the showing made his recourse is against the shipper for the difference in the contract price and the price at which sold. Furthermore Oklahoma Dealer according to law was under no obligation to assist shipper in disposing of the off-grade corn, after having wired that the grain was there subject to his disposition. If contract specified that off grades should be accepted at market difference the case would be otherwise. By disposing of the corn the buyer simply cut down the amount of his claim against shipper.

It is stated that the corn was somewhat delayed in transit. The railroad is to be held responsible for the resultant damage, to the shipper. Under the law the fact that the grain was to be weighed at destination made the sale incomplete until arrival, and the grain and the hazards it was subject to were at risk of shipper. The Court of Appeals of Kentucky so decided in *Gibson v. Ray*.

An interesting case involving buyer's or seller's liability on a contract specifying

weights and grades is given in full in the Grain Dealers Journal for Aug. 25, page 263. In this, as in most others, the parties are held strictly to their contract.—L. B.

WHAT IS MEANT BY RULE?

Grain Dealers Journal: As a law-abiding citizen who is not prepared to pay a \$29,000,000 fine, I am anxious to know the correct or generally accepted version of the meaning of the Interstate Commerce Commission's conference ruling 85, which was published in Bulletin No. 2, June 25, 1908, which reads as follows:

Substituting Tonnage at Transit Point: A milling, storage or cleaning-in-transit privilege is established on the theory that the commodity may be stopped en route for the enjoyment of such privilege, and the commodity or its product be forwarded under the application of the through rate from original point of shipment. It is not expected that the identity of each carload of grain, lumber, salt, etc., can or will be preserved, but in the opinion of the Commission it is unlawful to substitute at the transit point, or forward under the transit rate, tonnage or commodity that does not move into that point on that same rate.

I know of no mill or grain transfer elevator which makes any effort whatever to forward under billing privileges, grain or grain products which have the same rate to the transit point, as the grain upon which the billing originated. I am somewhat at a loss to understand exactly what the Commission means by its ruling. I do not see that it would make any great difference to the carrier whether the grain shipped out of a mill or a transfer elevator took the same rate in to the transit point, as that upon which the billing originated or not.

Any light on this subject will be greatly appreciated by one who has no desire to pay large fines, or while away his time in durance vile. Yours for the truth, J. M. T.

HAVE YOU SHORTAGE IN ANY SHIPMENT TO NEW YORK?

Grain Dealers Journal: We are having considerable trouble with weights in shipping to New York City. We have shipped several carloads of wheat, and we give below the car numbers, our weights and the out-turn at New York City:

Car 16210; our weights 1,000 bu.; New York out-turn 993 bu.

Car 9199; our weights 1,007 bu.; New York out-turn 991 bu.

Car 58792; our weights 1,054.20 bu.; New York out-turn 1,041.10 bu.

Car 59379; our weights 1,366.40 bu.; New York out-turn 1,360.50 bu.

We also received the Inspector's records on these cars on arrival, and none of the cars showed any evidence of leakage, our private seals being intact when the cars arrived at New York City. We have also had several shortages on oats that have gone to New York City.

These cars from the expense bills show that they were unloaded at the West Shore elevator. Some of the wheat was shipped to Power, Son & Co., and we asked for a record of these special cars, and they told us that we would have to write to the Grain Inspecting Department and that they would charge 25c per car for record on same, however, we obtained from our commission man these reports covering the condition of the car without a charge.

We would like to know if you have heard any complaints regarding weights at New York City. We have shipped quite a little to Baltimore, and there has been no trouble whatever, and we have

had no trouble at Philadelphia. Perhaps this information will interest some of the other shippers.—Yours respectfully, The Union Elevator Company, By C. G. Clark, Cleveland, O.

RED WORMS IN CLOVER SEED.

Grain Dealers Journal: Red worms are thick in much of the clover seed we are receiving from farmers. We would be pleased to know what it is, what it does and what we can do to prevent its damaging our seed. Can seed containing them be held with safety?—Ohio.

LEGAL WEIGHTS PER BUSHEL IN DIFFERENT STATES.

Grain Dealers Journal: What is the weight of a bushel of the various grain and cereals in the different states?—Wm. Ross & Co., Chicago, Ill.

Ans.: The Department of Agriculture gives the following as the legal weight of a bushel in different states, as far as established:

Barley: 47 in Ala., 45 in Ariz., 50 in Cal., 46 in Ore., 47 in Georgia, Kentucky and Penn., all others 48 lbs.

Beans: 55 in Ariz., 62 in New Hampshire and Vermont, 60 lbs. in all others.

Blue grass seed: 14 lbs. in all states.

Clover seed: 64 in New Jersey, 60 lbs. in all others.

Buckwheat: 40 in Cal., 42 in Idaho, N. D., Okla., Ore., S. D., Tex. and Wash.; 48 in Conn., Me., Mass., Mich., Miss., N. Y., Penn., R. I., and Vermont; 50 in Ind., Kan., Minn., N. J., N. C., O., Tenn., and Wis.; 52 in Ark., Colo., Ga., Ill., Ia., Mo., Mont., Neb., Va., and W. Va.; and 56 lbs. in Kentucky.

Corn in ear: 68 lbs. in Ohio, 72 lbs. in Miss., 68 lbs. after May 1 and 70 lbs. after Nov. 1 in Kentucky; 70 lbs. for new corn till Dec., 68 lbs. thereafter in Indiana; all others 70 lbs.

Shelled corn, 52 lbs. in California, 54 in Ariz., and 56 lbs. in all others.

Flaxseed: 55 in Connecticut, Mass., N. J., N. Y., and N. C.; 56 lbs. in all others.

Herd's grass: 45 lbs.

Hungarian grass seed: 48 in Minn., Mo., Tenn., Tex., Va., and Wis.; 50 lbs. in all others.

Millet: 48 in Minn., 50 lbs. in all others.

Oats: 26 in Md., 30 in N. J. and Va., 36 in Idaho, and 32 in all others.

Orchard grass seed: 14 lbs.

Red top seed: 12 lbs. in Va., 14 lbs. in all others.

Rye: 50 in Me., 54 in Cal., and 56 lbs. in all others.

Timothy seed: 42 in Okla. and S. D., 60 in Ark., and 45 lbs. in all others.

Wheat: 60 lbs. in all states.

Speltz: 40 lbs. in N. D., 45 lbs. in S. D. Kafir corn: 56 lbs. in Kansas.

Pop corn: 70 lbs. in Indiana and Tenn., Ohio, in the ear, 42 lbs.

The grain dealers trophy to be awarded the exhibitor of the best oats at the National Corn Exposition at Omaha Dec. 9-19 will according to J. A. Tiedeman of Sioux City, Ia., cost \$1,000.

Exports of hay for the seven months prior to Aug. 1, have been 44,306 tons against 41,101 tons for the corresponding period of 1907, as reported by O. P. Austin, chief of the Bureau of Statistics.

There are now 160,000 acres of planted trees in central Kansas, where at one time it was thought that trees could not be grown. As the area in which agricultural crops can be profitably grown is steadily extending, so the limit of forest planting and tree culture is widening.

Letters From Dealers

[Here is the grain dealers forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

A DEAD BEAT. LOOK OUT FOR HIM.

Grain Dealers Journal: We note that you cashed a check for Geo. P. Titus of Jefferson, O. Sorry that you have done this as he is a man of bad character. We accepted his check for membership in The National Hay Ass'n at the Cedar Point convention. It was deposited in the regular way and returned with the notation on it "Not paid for want of funds."

We immediately wrote the bank on which it was drawn and they informed us he did not then have any account and never had. We were in error in accepting his check for membership without identification, but it is the first time we have made a mistake on a deal of this kind. We thot he was alright as he was brot to the office by an Ohio member and introduced. We did not take the name of the member who introduced him. We will advertise him as a "dead beat" in the next circular letter we get out. Yours very truly, P. E. Goodrich, Sec'y National Hay Ass'n, Winchester, Ind.

NATURAL SHRINKAGE NOT RIGHT.

Grain Dealers Journal: Our attention has been called to your complaint with regard to railroads claiming $\frac{1}{2}$ of 1% for natural shrinkage on claims for shortage caused by defective cars. We have had some trouble with the L. & N. and the N. C. & St. L. R.R.'s. On a loss claim recently filed with the W. & A. R. R. the company claimed the usual shrinkage but we refused to allow it on the grounds that elevator certificates are final, and where defective equipment which allows grain to leak out in a stream along the track is used the railroad is not entitled to shrinkage. Where grain is transferred from one car to another it is sometimes customary to allow a shrinkage claim. It also might be permissible to allow shrinkage on new grain but not on old. It might be reasonable to allow $\frac{1}{2}$ of 1% in some cases but $\frac{1}{2}$ of 1% is unreasonable. We do not think it is right to allow for a shrinkage caused by improper loading, and also damage to the cars after they are loaded.—W. S. Duncan & Co., Atlanta, Ga.

WILL NOT TOLERATE SHRINKAGE AND SCALEAGE AT BALTIMORE.

Grain Dealers Journal: Referring to your article on "Natural Shrinkage, Scaleage, etc.," would say that we have had 5 claims made against the Northern Central Ry. Co. returned three times, for reduction of $\frac{1}{4}$ of 1% "natural shrinkage," and 30 lbs. per car scaleage. The last letter we had from Mr. L. C. Frederick, agent of the N. C. Ry. Co. at Baltimore, is under date of Sept. 26th, reading: "We have detached your letter of Sept. 24th, for our file, and have noted the remarks contained therein very care-

fully, but, as stated in our previous communications, we cannot entertain your claims until the deductions of $\frac{1}{4}$ of 1% account 'natural shrinkage' and 30 lbs. per car scaleage is allowed." Our letter of the 24th referred to in his of the 26th, is our second refusal to amend the claims in question, shipments of which originated on the M. & P. R. R., L. E. & W. R. R., N. & W. R. R. and P. C. C. & St. L.

We have called his attention to the fact that only a few days prior to receipt of their letter we received voucher in full for two claims made through his office arriving Union Line. Also that we are getting vouchers in full and no requests for deductions of any kind from the Baltimore & Ohio R. R. Co.

The Board of Directors of our Chamber of Commerce have taken this matter up vigorously this week, and we look for an early rescinding of this iniquitous ruling. Yours truly, C. P. Blackburn & Co., per O. M. Gibson, Baltimore, Md.

Changes in Grain Rates.

Among the new grain tariffs filed with the Interstate Commerce Commission as reported in the *Traffic Bulletin* are the following:

A. T. & S. F., Amend 10 to ICC No. 4161, grain for export from points in Kansas, Oklahoma, Colorado and Superior, Neb., to Galveston, Port Bolivar and Texas City, Tex., effective Oct. 31.

Can. Pac., ICC No. E757, wheat and oats, milling and reshipment for export from Fort William, Ont., to eastern and Canadian ports, effective Oct. 26.

Ill. Cent. Sup. 3 to ICC No. J5013, wheat, corn, oats and grain products, from Omaha, Sioux City, Council Bluffs, St. Louis, Mo., and stations in Illinois and Indiana to shipside, New Orleans, La., effective Oct. 31.

Mo. Pac., ICC Export No. 207, grain and products from its stations to New Orleans and Westwego, effective Nov. 1.

W. T. L. Com., Sup. 10 to ICC No. 778, grain products, from Minneapolis, La Crosse and rate points to Atlantic seaboard points, lake and rail, effective Nov. 2.

C. & N-W., Sup. 1 to ICC No. 6757, grain and grain products, from Rock Island and points in Illinois to eastern and Canadian points for export, effective Oct. 31.

C. R. I. & P., Sup. 5 to ICC No. C8479, wheat and corn, from Oklahoma points to Galveston, Tex., for export, effective Oct. 25.

Ill. Cent., Sup. 4 to ICC No. J5096, grain products from St. Louis, Mo., and points in Illinois to New Orleans for export, effective Oct. 20.

Kansas City Sou., ICC Nos. 2404 and 2413, grain and grain products from stations in Oklahoma and Kansas to New Orleans and rate points for export, effective Oct. 25.

B. & O., Sup. 41 to ICC No. 6615, grain and grain products to Marietta, O., from Chalfant, Gobles, Junction City, McElroy and Somerset, O., 6c; from Tiffin to Gallipolis, O., and Ashland, Ky., 8c, effective state Oct. 7, interstate Oct. 26.

Wabash, Sup. 3 to ICC No. 1059, timothy, hungarian and grass seed to Mexico, Mo., from Macon, Mo., Bloomfield, Ottumwa, West Grove, 19c; Albia, 20c; and Des Moines, Ia., 21c, effective, state Oct. 6, interstate Oct. 28.

The P. C. C. & St. L. has made a reduction to 13c on grain and grain products from Kentland, Ind., to Owensboro, Ky., in Sup. 19 to ICC No. D570.

Rules governing the allowance for elevation at Sandusky, O., have been filed by the B. & O. in ICC No. 7961.

Elevation of grain at St. Louis is covered by the Ill. Cent. in Sup. 23 to ICC No. A5952.

Allowance for elevation or transfer at Cairo, Ill., is covered by the M. & O. in Sup. 10 to ICC No. A100.

Rules governing the elevation allowance for grain transfer at St. Louis, East St. Louis, Decatur, Ill., and Chicago district stop-over points are published by the Wabash in its tariff R. R. No. 764.

The elevation allowance of 9-10 of one cent a bushel is covered by the Boston & Albany, in its tariff Circular 2162, effective Oct. 19 at East Boston, Mass.

Grain door expense allowance is canceled by the L. & N. and superseded by Southeastern Tariff 2 at New Albany, Ind.

Empty grain sacks will be returned on the basis of the western classification by the M. K. & T., which has canceled its special rates from St. Louis, West Alton, Mo., to all stations on St. Louis division, in Sup. 10 to ICC No. A2806.

Free transportation of seed wheat is granted by the Rock Island between all its Kansas stations until Dec. 1, quantity unlimited, under its tariff No. 20500.

The Rock Island on Nov. 2 will put in new rates on grain and grain products from Missouri River points and from Minneapolis, in ICC No. C6918, Sup. 42.

The Erie on Nov. 2 will put in new rates from Chicago to points in C. F. A. Territory.

The Rock Island will make a new tariff effective Nov. 2 on grain from Chicago, Peoria, and Rock Island, Ill., to points in the northwestern states.

The T., St. L. & W. in ICC No. 766 makes rates on grain and grain products from stations on that line to Michigan points, Chicago, Cincinnati, Cleveland, Detroit, East St. Louis, St. Louis, Ohio River crossings, Sandusky, Terre Haute and Toledo, effective Oct. 26.

Spring Wheat Movement Is Early and Heavy.

The remarkably early movement of the spring wheat crop this season has broken all records for many years back. From the beginning of the movement, Aug. 1, to Oct. 1, Minneapolis received 22,950,000 bus., against 8,170,000 bus. during the corresponding two months of 1907. Duluth has received 16,425,700 bus., against 6,310,600 bus. during the months of August and September last year. Milwaukee received 3,197,000 bus. during August and September, against 1,736,800 bus. for those two months of 1907. Chicago alone of the four markets considered spring wheat centers shows a decrease, arrivals having been 7,822,600 bus., against 12,563,900 bus. for the corresponding two months of 1907. The foregoing totals include receipts of winter as well as spring wheat.

Of the winter wheat markets Kansas City alone shows a considerable increase over last year, having received 18,609,500, against 14,790,000 bus. in August and September last year. One of the prime factors in the early marketing has been the ideal weather for the threshing.

I enjoy reading the Grain Dealers Journal and can profit by many of its sayings. I find the advertisers in its columns are firms that can be relied upon.—Yours for the good of the trade, W. F. Hinerman, Brookville, Kan.

Crop Reports

Canada.

Ottawa, Ont.—The Dominion Dept. of Agri. in its September report estimated the yields per acre and the total crops as follows: Wheat, 21 bus., 124,690,000 bus.; oats, 24 bus., 269,944,000 bus.; barley, 27 bus., 49,488,000 bus.; rye, 18 bus., 1,711,000 bus.; peas, 17 bus., 7,667,000 bus.; buckwheat, 26 bus., 7,727,000 bus.; beans, 20 bus., 1,282,000 bus.; corn for husking, 58 bus., 24,935,000 bus.

Winnipeg, Man., Oct. 3.—Threshing is about two-thirds completed. It is nearly finished in the southern part of each province. The weather for threshing and harvesting has been about perfect this season. No storms to delay work much until the 23rd of September. In our September and August crop report we estimated a total wheat crop of 103 million bushels. Judging from the results of threshing so far we think this estimate too high. We now estimate the total wheat crop at not over 97 to 100 million bushels for Manitoba, Saskatchewan and Alberta combined. The frost did considerable damage. Some fields so damaged that they will not be cut. The crop on the whole is fairly satisfactory.—Campbell & Wilson.

Illinois.

Kinsman, Ill., Oct. 5.—Oats average 25 bus. per acre. Corn 30 bus. per acre.—H. McManus.

Bristol, Ill., Sept. 30.—Oats light, 25 bus. per acre. Corn a good crop, and is fast maturing.—Geo. Elliott.

Missal, Ill., Oct. 7.—Oats making 15 bus. per acre. Corn promises an average crop of 20 bus.—W. Hoobler.

Cornell, Ill., Oct. 8.—Oats making from 5 to 40 bus. per acre. Corn promises an average crop of 30 bus.—C. E. Lishness.

Bolivia, Ill., Oct. 6.—The new corn crop will not be moved until late owing to the late planting.—Bolivia Farmers Grain Co.

Minonk, Ill., Oct. 2.—Oat crop 25 bus. per acre, of a good quality. Corn promises 30 bus. per acre.—B. M. Stoddard.

Yorkville, Ill., Sept. 23.—Oats 30 bus. per acre, good quality; good prospect for a fair crop of corn; ripening fast.—Jeter & Boston.

Blackstone, Ill., Oct. 1.—Oats making 40% of an average crop. Corn promises to make an average of 65%.—Dunlap & Ruddy.

LaSalle, Ill., Sept. 28.—Oat crop light, 23 bus. per acre. Prospect for corn not good, most out of the way of frost.—H. F. Caskey.

Ransom, Ill., Oct. 5.—Oats making an average yield of 26 bus., good quality. Prospect for corn 32 bus. per acre.—J. H. Shultze.

Kernan, Ill., Oct. 7.—Oats making 15 bus. per acre; quality 100%. Corn promises an average crop of 30 bus., with 75% quality.—M. Funk.

Kinsman, Ill., Oct. 5.—Yield of oats is light, and average of 14 bus. Corn promises to make 50% of an average.—Thos. Ryan & Son.

Ottawa, Ill., Sept. 26.—Oat crop light, yielding from 25 to 30 bus. Corn a good crop. The bulk out of the way of frost.—J. B. Kenney.

Wedron, Ill., Sept. 26.—Oats making 2-3 of an average crop; quality fair. Corn promises 60% of an average; quality good.—Geo. W. Hunt.

Ottawa, Ill., Sept. 26.—Oats making an average yield of 25 bus. per acre, of a good quality. Corn promises 75% of an average.—J. E. Barnard.

Budd, Ill., Oct. 7.—Oat crop light, an average of 23 bus. Corn looking good; quality good; promises a yield of 30 bus. per acre.—John Cahill.

Ottawa, Ill., Sept. 26.—Oats a fair yield, average 30 bus. per acre, quality light. Prospect for corn fair, 75% of an average crop.—J. J. Mottz.

Varna, Ill., Oct. 1.—Oats a fair quality, making an average yield of 25 bus. per acre. Corn promises to make 30 bus. per acre.—Geo. Pearce.

Verona, Ill., Oct. 5.—Oats making 2½ bus. per acre, test 25 lbs. per bus. Corn promises light crop and only half crop or better.—J. L. Beal.

Rowe, Ill., Oct. 3.—Oats making 20 bus. per acre. Corn promises to make a yield of 30 bus. per acre, with good quality.—Rierson & Jacobson.

Cornell, Ill., Oct. 8.—Oats making a light crop, yielding from 5 bus. to 35 bus. Corn will be a light crop, from 20 to 40 bus. per acre.—E. D. Brady & Son.

Rutland, Ill., Oct. 3.—Oats making a yield of 27 bus. per acre, quality good. Prospect for corn good, promising 35 bus. per acre.—Ames & Frucht.

Grand Ridge, Ill., Sept. 29.—Oats a half crop. Farmers are holding for higher prices. Corn promises to make 65% of an average crop.—Geo. M. Loy.

Marselles, Ill., Sept. 28.—Oats making a yield from 2 to 30 bus. per acre. Corn promises to make 2-3 of crop; quality will be good.—F. J. McCormick.

Dana, Ill., Oct. 2.—Oats making a yield per acre of 25 bus., of a good quality. Corn will be of a good quality and promises 30 bus. per acre.—P. E. Beutke.

Rutland, Ill., Oct. 3.—Not many oats have been sold, oats making a yield of 25 bus. per acre; corn promises 30 bus. per acre and a good quality.—G. A. Sours.

Utica, Ill., Sept. 28.—Oats making 60% of an average. Farmers are holding for higher prices. Corn promises 70% of an average.—Illinois Valley Grain Co.

Dwight, Ill., Oct. 7.—Oats making a light yield of 26 bus. per acre. Corn promises only 60% of an average crop; quality of corn will be good.—Austin Gibbons.

Utica, Ill., Sept. 28.—Oats yield 20 to 35 bus. The bulk is held for higher prices. Corn will make 70% of average crop, with 90% past frost danger.—J. H. Carlin.

Wenona, Ill., Oct. 1.—Oats making an average crop of 50% quality. Oats are all in farmers' hands. Corn promises 2-3 of crop and a fine quality.—W. H. Tallyn.

Leeds, Ill., Oct. 3.—Oats are nearly all in farmers' hands, light yield, 20 to 25 bus. per acre. Corn promises to make a good quality and a yield of 35 bus.—J. J. Sennett.

Minonk, Ill., Oct. 2.—Oats making a yield of 25 bus. per acre, quality good. Prospect for corn is good, 70% of an average crop, and will make fine quality.—O. M. Diveson.

Varna, Ill., Oct. 1.—Oats a light crop, making an average yield of 20 bus. per acre. Corn promises 65% of an average crop, with good quality.—Wm. Scarborough.

Mazon, Ill., Oct. 6.—Oats making 30 bus. per acre. The bulk of the oats are held back in farmers' hands. Corn promises to make 75% of an average crop.—T. E. Kelley.

Dwight, Ill., Sept. 30.—Oat crop very light, making an average of 20 bus. per acre; quality good. Corn will be a good quality; yield of 30 bus.—Boston & McClelland.

Dwight, Ill., Sept. 30.—One-third of the oats crop has been marketed. Oats making a yield of 25 bus. per acre. Corn promises to make half of an average crop.—G. L. Kern.

Grand Ridge, Ill., Sept. 29.—Oats making an average crop of 25 bus. with quality good. Corn promises to make an average yield of 35 bus.—F. J. Lindsey, agt. Neola Eltr. Co.

Gardner, Ill., Oct. 6.—Oats making an average yield of 26 bus. per acre, 2-3 being marketed. Corn promises to make 32 bus. per acre, of good quality.—J. W. Thornton & Son.

Winona, Ill., Oct. 1.—Oats are of a good quality, testing 28 lb. per bus., making 25 bus. per acre. Quality of corn will be good; promises 35 bus. per acre.—H. M. Taggart.

Oswego, Ill., Sept. 23.—Oats making 25 bus. per acre, the bulk held back in the farmers' hands. Corn is fast maturing and the prospect is for a fair crop.—William Cleggett.

Seneca, Ill., Sept. 28.—Oats making better weight than last year, averaging 25 bus. per acre. Corn 80% of last year's crop; 75% out of the way of frost.—M. J. Hogan Grain Co.

Dwight, Ill., Sept. 30.—Oats are a good quality, making an average yield of 30 bus. per acre. Corn promises 35 bus. per acre, and will be of a good quality.—Harrison Bros.

Ottawa, Ill., Sept. 26.—Oat crop in this locality will make an average yield of 27 bus. per acre of a good quality. Corn promises to make 75% of an average crop with prospect of good quality.—H. J. Ruckriegel.

Dwight, Ill., Sept. 30.—Oats making average 28 bus. per acre, of a good quality and of a good color. Corn promises 60% of an average crop; quality promises to be good. Frost did no damage on Sept. 27.—Harrison Bros.

Utica, Ill., Sept. 28.—About 20% of the new oats have been marketed; average yield 25 bus. per acre. The prospect for corn not good, only 35 bus. per acre.—Van R. St. Johns.

Sheridan Junction, Ill., Sept. 25.—Farmers are holding most of their oats for higher prices. Oats are making a yield of 35 bus. per acre. Prospect for corn is good.—G. H. Bernard.

Ransom, Ill., Oct. 5.—The average oat crop in this township is 26 bus. per acre. Allen township promises to make an average crop of corn of 35 bus. per acre or better.—L. H. Perry.

Gardner, Ill., Oct. 6.—Oats making 25 bus. per acre. Corn will make an average yield of 30 bus. per acre, and promises to make a better quality than last year.—Hargrave & Drew.

Mazon, Ill., Oct. 6.—Average yield of oats 23 bus. per acre, with bulk of the oats back in farmers' hands. Prospect for corn not very good, promises 25 bus. per acre.—Strong & Ely.

Grand Ridge, Ill., Sept. 29.—General average of the oat crop will be 22 bus. per acre. Corn promises to make 75% of an average crop, with much better quality than last year.—C. W. Peterson.

Mazon, Ill., Oct. 6.—Oats making 20 to 30 bus. per acre, 20% of which has been marketed. Corn crop will not be as big as last year, but promises to be of better quality.—M. Z. Britton.

Tolhuca, Ill., Oct. 8.—Oats yielding from 20 to 25 bus. per acre; about 10% has been marketed. Corn promises to make an average crop of 35 bus. per acre, quality good.—Davison & Livingston.

Seneca, Ill., Sept. 28.—Oats are marketed slowly, making a yield about the same as last year, with better quality. Corn promises to make a yield same as last year, of a better quality.—O. P. Clark.

Dana, Ill., Oct. 2.—Oats making 30 bus. per acre, with 30% in farmers' hands. Prospect for corn fair, of good quality and promises to be an average crop of 35 bus. per acre.—C. G. Sours & Son.

Blackstone, Ill., Oct. 1.—Farmers are holding their oats for higher prices. The average yield is 20 bus. Corn promises to be of fair quality, making an average crop of 30 bus. per acre.—F. J. Corbin.

Minonk, Ill., Oct. 2.—Seventy-five per cent of the new oat crop back in farmers' hands; yield of 25 bus. per acre. Corn promises to be of fine quality, making a yield of 40 bus. per acre.—U. B. Mennem.

Aurora, Ill., Sept. 23.—Oat crop of good quality, 25 to 30 bus. per acre. Wheat crop good, 25 to 30 bus. and of excellent quality. Corn promises to make a good crop and is maturing rapidly.—S. A. Stick.

Marselles, Ill., Sept. 28.—Oats making an average yield of 25 bus. per acre; about 10% marketed. Corn promises to make an average crop of 35 bus. per acre; quality promises to be very good.—Bruce Grain Co.

Serena, Ill., Sept. 25.—Oat crop in this locality making a yield of 30 bus. per acre. The bulk of the crop in farmers' hands. Corn promises a good crop, making a yield of 40 to 50 bus. per acre.—W. D. Mundorff.

Indiana.

Stone Bluff, Ind., Sept. 27.—Grain deliveries are very light at present. Some wheat and oats in farmers' hands, but they are very bullish, and not much grain moving.—W. M. Rusk.

Iowa.

McCallsburg, Ia., Sept. 30.—Have had killing frosts Sunday and Monday nights, about 95% of corn is out of danger.—P. C. Hansen & Sons.

Grimes, Ia., Oct. 3.—Early corn good yield and excellent quality; small per cent of late corn hurt by frost.—E. L. Greger, mgr. Farmers' Co-operative Co.

New London, Ia., Oct. 8.—Crops around here are looking fine; north of us the corn will go from 50 to 100 bus. per acre.—L. G. Gimer, mgr. New London Farmers Eltr. Co.

Parkersburg, Ia., Sept. 29.—Corn out of danger of frost; oats has averaged 32 to 35 bus. per acre; three-fourths of the oats has been hauled to market. Very little corn will be marketed here.—Kitzmiller & Schultz.

Oxford, Ia., Sept. 25.—Corn 110%, acreage 100%, oats 90%, acreage average. Probably an increase in acreage of wheat next year. Old corn has all been sold, and oats are being marketed quite freely.—E. D. Jones.

Minden, Ia., Oct. 5.—It has been very dry here for the past two months, but we are at last getting a few showers, having had two in the last few days. Corn is all out of danger of frost, and only about 15% is chaffy. Some grain is moving, but not much.—E. H. Anschutz, secy and mgr. C. W. McCaustland Grain Co.

Tiffin, Ia., Sept. 25.—Wheat 125% yield. Although no great amount of wheat has been sown in former years, the excellent yield of last year has induced an increased acreage for next year. Oats 2% of a crop. Corn 100%. All our old corn has been sold; the new corn will probably all be fed so none will be marketed.—J. A. Sprigmlre.

Kansas.

Douglas, Kan., Sept. 23.—Crops are in good shape; corn and kafir corn both promise to be a good yield.—Raymond & Son.

Michigan.

Lansing, Mich., Oct. 7.—The final estimated yield of wheat in the state, southern and central counties is 18 and in the northern counties 16 bus. per acre. The quality is excellent and owing to favorable weather during harvest the crop was secured in good condition. The estimated total yield for the state is approximately 12,000,000 bus., which is 1,500,000 more than the estimate for 1907. The per cent of acreage sown this fall compared with the average for past five years in the southern counties is 87, in the central counties 76, in the northern counties 83 and in the state 84. The average date of sowing wheat in the state and central counties is September 18th, in the southern counties the 19th and in the northern counties the 16th. Rye yielded 5,272,500 bus. on 351,500 acres. The acreage of rye sown this fall is 85%. Barley yielded 1,649,890 bus. on 74,995 acres. Oats yielded 40,386,000 bus. on 1,392,650 acres. Corn is estimated to yield 49,165,000 bus. on 1,638,850 acres. Beans are estimated to yield 4,301,544 bus. on 358,462 acres. Buckwheat is estimated to yield 702,078 bus. on 54,000 acres.—Geo. A. Prescott, secy of state.

Minnesota.

Airlie, Minn., Oct. 1.—Threshing about all done.—Walter Parks.

Hutchinson, Minn., Oct. 6.—The crop is not very good this year.—R. R. Jensen, agt. Imperial Eltr. Co.

South Haven, Minn., Sept. 24.—Crops are not very good. Wheat 100%. Rye, good. Osborne, McMillan Eltr. Co.

Wildor, Minn., Sept. 28.—Hard freeze last night did little damage, as 85% of corn is out of the way of frost.—C. W. Malmquist, agt., Christensen Grain Co.

Elbow Lake, Minn., Sept. 26.—Yield of grain in this locality this year, wheat 12 bu., oats 25, barley 30, flax 12, durum 25. Hay light crop; threshing 75% done, fine and dry weather.—Geo. W. Hurst.

Bucild, Minn., Sept. 24.—Threshing is about all over; only a patch of late flax to be seen here and there, and that will be taken soon; most machines are pulled in; weather favorable.—John Vavrna, agt. Thorpe Eltr. Co.

Kilkenny, Minn., Sept. 28.—Wheat average about 14 bus. per acre, good No. 2 grade northern, about 70,000 bus. will be marketed here; oats very poor, not over 25 bus. per acre; very light not over 20 lbs. per bu.; corn poor, about one-half of an average crop. Potatoes almost a failure on account of drought.—John Murphy.

Missouri.

Columbia, Mo., Oct. 3.—A rather severe drought prevailed during September up to the 27th. The corn crop, however, has not suffered materially except in the southeastern part of the state and a number of counties in the Ozark region; 80% of the entire crop is fully matured, while 20% is liable to damage from an early freeze. The frost on the 28th and 29th of September has done some damage to the extremely late corn by stopping the growth and causing the corn to ripen up prematurely which will make it light and chaffy. Practically none of the corn has been entirely ruined by this frost. The average condition for the state now being 73 compared with 72 on Sept. 1. Only a few counties in the state will have any surplus for export. The average this year is about 10% below that of last year and the condition at this time is about 11 points below what it was on October 1, 1907. If this preliminary estimate holds good when the final estimate is made, it will indicate a yield this year of practically 75% of that of last year. There is very little old corn on hand, and most of the farmers have begun feeding the new crop. The

drought has materially interfered with wheat seedling. Only 46% of the entire crop was sown on Oct. 1 compared with 52% at the same time last year. It will be remembered that practically the same conditions prevailed last year during September as during that month this year. It is estimated that the acreage sown this year will be below that seeded last year.—Geo. B. Ellis, secy State Board of Agri.

Nebraska.

Polk, Neb., Oct. 6.—The average acreage of winter wheat will be sown in this locality. Recent rains have put the ground in fine condition for seeding and early sown is up and doing nicely. Very little stack threshing has been done, just enough for fall seeding, but will continue late this fall. Wheat averages 20 bus. per acre from an average acreage. No oats will be for sale here, that crop having been practically a failure. Corn 125% of average acreage; all out of the way of frost. Will begin husking and cribbing about the 15th of this month.—J. E. McDaniel.

North Dakota.

Wilton, N. D., Oct. 7.—Threshing in this vicinity about completed. Wheat yields from 6 to 22 bus. per acre of a very fine quality. Flax averages about 7 bus. per acre.—H. C. Edgerton, agt. the Wilton Eltr. Co.

Valley City, N. D., Sept. 24.—Crops have been taken care of this season, under the most favorable circumstances in North Dakota. All kinds of grain is of first-class quality; we think the best in a number of years; however, the yield has not been the best, wheat running from 5 to 20 bus. per acre, barley 10 to 30, oats the same. Flax seed has done better, from 5 to 25 bus. per acre. Fall plowing is well under way, although the ground is very dry; there is ample time for all to finish plowing this fall.—The Farmers Co-operative Eltr. Co.

Ohio.

Melvin, O., Oct. 4.—Corn will be 75% of an average crop, condition good. Will start to handle Nov.

Fletcher, O., Oct. 6.—New corn is 70% of a crop, condition good, safe to handle Nov. 1.—Joe F. Coppock, of Patty & Coppock.

Quincy, O., Oct. 5.—Our eltr. here and at Kirkwood are full of oats and fully 50% of the crop is still in farmers hands.—J. E. Wells.

Mingo, O., Oct. 6.—Corn is a very good crop. Clover the best ever. Considerable oats still in the farmers hands.—O. J. Chamberlin.

Deunquat, O., Oct. 4.—Corn good quality, average yield, and we will have some to ship. Farmers have marketed most of their wheat and oats.—J. Wren.

DeLisle, O., Oct. 6.—New corn maturing nicely and of fine quality, but only about 60% of a crop. Wheat needs rain badly, acreage smaller than last year, perhaps only 50% crop sown.—Drew Bros.

Gallon, O.—Not much corn grown. We are shipping in ear corn to local dealers. Wheat was an average crop both as to quantity and quality. Oats about one-half a crop and very light. Hay average crop. More clover mixed hay than usual.—Switzer & White.

Attica, O., Oct. 7.—Prospect for wheat is the worst I have ever seen it. Greater part of ground not plowed, and what is plowed cannot be fitted for want of rain; very little sown. Corn about 60% fair quality, as the dry hot weather cures it out. Meadows are burned out entirely.—J. I. Friedley.

Piqua, O., Sept. 30.—The last government report made the condition of corn 79.4, against 80.2 a year ago. Out of some 500 return postal cards which I sent out last week to my shippers, reports over Ohio, Indiana and Illinois make the condition 68.9, or 10 per cent less than the government estimate. This is certainly a big difference between government figures and those of the country shipper.—Harry W. Kress.

Curtice, O., Oct. 6.—The oat crop was fair, most out of farmers hands early on account of high prices; wheat crop good, what there was of it, but small acreage. Corn looking good, good quality, but very small acreage; rye and barley crop very short; very little seeding done on account of dry weather; wheat acreage about 10% of last year, and if dry weather continues crop will be very small the coming year.—H. G. Depring.

Columbus, O., Oct. 1.—The area seeded to wheat for the harvest of 1908 was 1,886,960

acres. The average yield per acre is estimated at 15.9 bus., and the total production for the state at 30,122,913 bus. The quality of the grain is quite satisfactory, being estimated at 91 per cent, compared with a good average quality. The drought has seriously retarded wheat seeding, and will have a very perceptible effect on the wheat area for 1909. Farmers have been unable to seed, or have delayed, waiting for rain, and the result will be that a large area intended for wheat will not be sown. A great deal of the wheat seeded has not germinated, and if rain does not bring it out there will be another loss from this cause. Altogether the harvest prospects for next year is far from flattering or even promising. A very short area is certain. The estimated area sown to oats is 1,271,886 acres. This is 184,629 acres less than area sown last year, but as the average yield per acre is 4.2 bus. more than that crop the total production is 1,165,167 bus. more than last year. The total area of winter and spring barley is estimated at 25,503 acres. The average product per acre is estimated at 25.4 bus., giving a total production for the state of 570,757 bus. The area sown to rye is the most variable of the grain crops, and the report shows that the area for the harvest this year is much greater than that of 1907. The total product is estimated at 776,754 bus. Corn prospects are estimated at 80%. The crop is rapidly maturing and there is now very little, if any, danger from frost. The continued drought during the past month has cut the crop short in some sections.—Ohio Dept. of Agri.

Oklahoma.

Enid, Okla., Oct. 2.—The acreage of wheat in eastern Oklahoma is on the decrease for this fall's sowing, against normal in western Oklahoma. I look for a decrease in acreage as a whole of at least 25 or 30% against last year.—C. F. Prouty, secy Oklahoma Grain Dealers Ass'n.

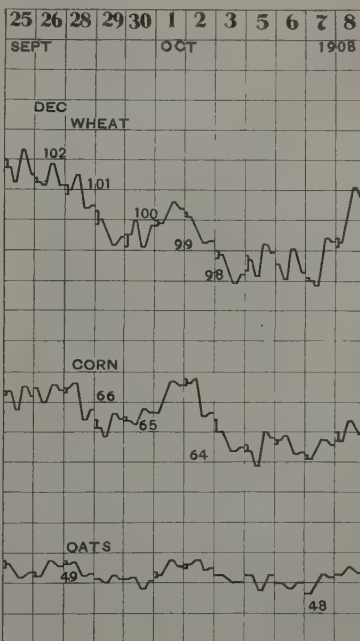
South Dakota.

Mission Hill, S. D., Sept. 26.—The oat crop is quite light around this vicinity, tho somewhat better quality than last year. Corn promises to be a very good crop, tho the hot and dry weather has been very hard on the late corn.—J. M. Sadler, agt. Atlas Lumber Co.

(Continued on following page.)

Chicago Prices

The opening, high, low and closing quotations on wheat, corn and oats for the December delivery at Chicago for 2 weeks prior to Oct. 9 are given on the chart herewith.



Government Crop Report.

Washington, D. C., Oct. 7.—The crop reporting board of the Department of Agriculture finds the condition of the corn crop on Oct. 1 to have been 77.8; compared with 78.4 last month, 78.0 on Oct. 1, 1907, and 79.7 the ten-year average on Oct. 1. The decline in condition during September was thus about 2%, compared with a decline in September last year of 2.7% and an average decline in September of the past ten years of 1.6%. Comparisons for important corn states follow:

States.	October 1—			Per cent of U. S. 10-yr. average
	1908.	1907.	aver.	
Ill.	72	86	84	72.8
Ia.	80	70	81	80.0
Tex.	83	78	73	85.7
Mo.	71	84	81	72.7
Neb.	80	69	75	82.7
Kan.	69	67	70	72.6
Okla.	73	67	76	78.9
Ind.	67	84	87	69.4
Ca.	84	82	82	84.4
Ohio	72	78	84	82.4
Ky.	75	83	83	80.3
Tenn.	82	86	80	84.3
Ala.	83	85	80	84.3
N. C.	82	89	82	84.2
Ark.	79	60	77	80.2
Miss.	81	74	76	87.2
Others	82	78	83	84.1

U. S. 77.8 78.0 79.7 79.4 100.0
The preliminary estimate of average yield per acre of spring wheat is 13.2 bus., which compares with 13.2 bus., the final estimate in 1907, and 13.8, the average of the past six years. The indicated total production of spring wheat is about 233,090,000 bus., compared with 224,645,000, the final estimate in 1907. The quality is 88.1, compared with 88.8 in 1907 and 85.9 the average of the past six years. Comparisons for important spring wheat states follow:

States.	Production, 1908.			Production, 1907.		
	Per acre.	Qual. Total.*	Per acre.	Per acre.	Qual. Total.*	Per acre.
N. D.	11.6	68,428	90	10.0	55,130	82
Minn.	12.8	69,587	88	13.0	67,600	89
S. D.	12.3	37,862	88	11.2	32,480	82
Wash.	15.0	14,970	89	24.5	23,275	97
Others	17.5	43,273	88	18.3	46,160	90

U. S. 13.2 233,090 88.1 13.2 224,645 88.8

*000 omitted.

The production of spring and winter wheat combined is about 659,030,000 bus., compared with 634,087,000 finally estimated last year. The quality of all wheat is 89.4, compared with 89.9 last year.

The average yield per acre of oats is about 24.9 bus., compared with 23.7 finally estimated in 1907, and 23.8, the average of the past ten years. A total yield of 789,161,000 bus. is thus indicated, compared with 754,443,000 finally estimated in 1907. The quality of the crop is 81.3, against 77.0 last year and 86.1, the average for the past ten years. Comparisons for important oats states follow:

States.	Production, 1908.			Production, 1907.		
	Per acre.	Qual. Total.*	Per acre.	Per acre.	Qual. Total.*	Per acre.
Ia.	24.3	110,444	78	24.2	108,900	68
Ill.	23.0	21,632	79	24.5	101,675	70
Minn.	22.0	59,004	70	24.5	61,985	76
Neb.	22.0	56,078	78	20.4	51,490	73
Wis.	31.1	73,085	83	22.0	51,700	70
Ind.	21.2	35,425	81	20.2	36,683	73
Ohio	26.4	40,973	82	22.8	36,480	80
Mich.	29.7	41,847	83	20.8	30,534	81
N. D.	23.4	32,797	84	24.5	32,340	88
S. D.	23.0	31,395	76	24.7	32,728	82
N. Y.	30.1	36,000	89	30.7	37,086	86
Pa.	27.3	27,382	85	29.6	29,689	87
Kan.	22.0	21,868	81	15.0	16,380	74
Mo.	19.3	12,410	74	21.5	14,254	77
Others	27.6	118,881	87	26.2	112,519	87

U. S. 24.9 789,161 81.3 23.7 754,443 77

*000 omitted.

The yield per acre of barley is about 25.0 bus., which compares with 23.8 bus., the final estimate for 1907, and 25.5, the average of the past ten years. A total production of 167,242,000 bus. is thus indicated, compared with 153,597,000 in 1907. The average quality is 89.3, against 88.2 last year and 87.6, the average of the past ten years.

The average condition of buckwheat at time of harvest was 81.6, compared with 87.8 on Sept. 1, 80.1 at harvest in 1907, and 81.8, the average condition at harvest for the past ten years.

The average condition of flaxseed at time of harvest was 81.2, compared with 82.5 on Sept. 1, 78.0 at harvest time last year, and 83.6, the average of the past five years at

harvest. The condition at time of harvest in important flaxseed states was: North Dakota, 77; South Dakota, 90; Minnesota, 85.

The average condition of rice on Oct. 1 (or at time of harvest) was 87.7, compared with 93.5 on Sept. 1, 83.7 on Oct. 1, 1907, and 87.7, the average of the past ten years.

New Concrete Grain Storage at Kansas City, Mo.

No one can afford to build any but fire-proof grain store houses; even the railroads are now coming to this conclusion. It is so much cheaper in the long run that if much grain is to be held in store, the insurance companies will look with suspicion upon the builder of a wood storehouse of large capacity. Illustrated herewith are the five new concrete tanks, added to the C. M. & St. P. R. R. Co.'s Coburg elevator, at Kansas City, Mo.

The Chicago, Milwaukee & St. Paul Railway Company's Kansas City terminal elevator is located within 500 yards of the Station of Coburg, which is a suburb about five miles from the center of the city, situated on high ground and therefore out of the way of floods. The only water to contend with is surface water which is taken care of by sewers.

The original wood elevator having a capacity of about 200,000 bus., was designed by the George M. Moulton Company and built by Barnett & Record Co. in 1903. Immediately after the erection of the elevator it was found to be too small for the business to be handled, and the following year the Railroad Company added half a million bushels in tile tank storage consisting of eighteen tanks constructed of hollow tile having a diameter of 24 ft. and being 85 ft. high. These were arranged in two rows with one belt conveyor overhead from the Working House for filling the tanks, and one belt underneath the Working House to discharge the grain from the tanks.

In the Spring of 1908 it was found necessary to have more storage added, but on account of the retrenchment and new construction all along the railway, instead of adding 9 tanks as desired by the lessees, the railroad company added only 5. These were built by James Stewart & Company of concrete and were made so that they are an integral

part of the Annex. This was accomplished by extending the foundation and bin floor and making a common roof over all the tanks. In order to fill the new tanks a belt conveyor was put in overhead and another belt was put underneath for drawing out grain at the bottom. All the belts are 30 in. wide of four-ply rubber.

The receiving facilities in the Working House were inadequate and the tracks through the house interfered with the spouting. For these reasons one of the tracks was taken out of the center of the house and two additional tracks placed outside making a total of three unloading tracks. Under each track was put three car pits making nine in all which unloaded into belt conveyors to the receiving legs. Additional shovels, car-puller and a general overhauling and increasing of the strength of the line shaft were provided. The plant is now able to handle twice as much grain as previously. For the additional machinery rope drives were connected onto the main engine shaft of the old power house, there being enough power already provided for. A longitudinal belt conveyor was installed with spouting for taking grain from the scales in the Working House and discharging onto two belt conveyors over the tanks. All overhead belt conveyors are provided with trippers of the two pulley double discharge type for throwing the grain into the bins.

The total capacity of the elevator now is about 1,000,000 bus. The concrete tanks are the same diameter as the old tile tanks and have an 8-in. wall of solid concrete in the center of which are embedded reinforcing bars every foot laid horizontally. In addition there are vertical rods a few feet apart extending the whole height of the wall. The interspaces between the two sets of tanks are used for storage and to provide for a proper connection, bolts and washers were put through the two sets of tanks for the reason that the new tanks were built on the ground and have not been subject to compression of two different loads and it was necessary to make an extra provision for these loads. This was done by putting a reinforced concrete mattress over the whole area under the new tanks and resting on footings of the old tanks.



Concrete Addition to the C. M. & St. P. R. R. Co.'s Elevator at Kansas City.

FALL MEETING OF OHIO GRAIN DEALERS ASS'N

The Fall Meeting of the Ohio Grain Dealers Ass'n was called to order in the Dutch Dining Room of the Chittenden Hotel by Pres. C. E. Groce, who abandoned his address and said the meeting was in the hands of the members. Last fall we had one of the most helpful business sessions ever held. We are much interested in terminal markets having driers. We have a letter from Philadelphia which the Sec'y will read.

Sec'y J. W. McCord read the following letter:

Philadelphia Facilities.

Philadelphia, October 2nd, 1915.

Mr. J. W. McCord, Secretary Ohio Grain Dealers Ass'n, Columbus, O.

Dear Sir: I regret to be so tardy in advising of the receipt of your favor of the 14th ultimo, inviting our Exchange to send representatives to your meeting on the 6th instant, but your letter arrived during my absence from the city and did not reach me until yesterday upon my return.

I will send you by this mail a copy of our last annual report which contains considerable matter of interest to grain men and Western shippers. Our elevator facilities, export and local combined, amount to about 1,000,000 bus. The Pennsylvania railroad owns two large elevators, one of which will contain about 1,000,000 bus. in connection with which there is a drying plant maintained at the Keystone Elevator in North Philadelphia. The Philadelphia & Reading railway has a very large modern elevator up town that will hold 1,000,000 bus., which has recently been equipped with a very modern drying plant. The charges for drying grain there are the same as those of the Baltimore elevator, and the system is under the control of the inspection department of our Exchange. This drying plant has never been used to any extent and what we learn is true, the expectations of a good dry corn crop will preclude the possibility of its getting much used on the new crop. The same railway company have the local elevator, capacity of which is 400,000 bus. The Baltimore & Ohio Railroad Co. has only a local elevator of small capacity, but that line is not largely interested in the export business of Philadelphia and participates only in the local trade. If you will look over our report you will find our Grain Rules to be set forth very thoroughly. Since the publication of the book, our Exchange has amended the By-Laws as to provide for complaints against any member who shall be accused of any action inconsistent with just and honorable principles of trade; thereby giving additional protection to an outsider who might have cause for complaint against a member. I will enclose a copy of the amended rules as a guide. In force, we do not expect to have much use for it, but wished to provide every facility for an ex-member's protection where he feared he had any grievance.

We have more than four hundred members and Philadelphia is a very large market for domestic business as well as for export. A large country trade in feeds, extending as far as New England, is handled by Philadelphia merchants, and we believe that our membership in point of character and responsibility will compare very favorably with that of any other similar organization. We would be very much pleased to have you call and see us some time and make the acquaintance of the merchants here. I am,

Very truly yours,

Frank E. Marshall,
Secretary

E. H. Beer in telling of Baltimore's facilities for storing and drying grain spoke of the new elevators now being erected and the two Hess Driers, each having a daily drying capacity of 300,000 bus.

Some time since it was charged that grain arriving in Baltimore was not inspected until it arrived at the elevator. This is wrong. It is inspected upon arrival and re-inspected. It is determined before the railroad unloads it at the elevator

for the railroad is to blame and does not hesitate to make good the loss.

We were unfortunate to lose our Chief Inspector recently, but his assistant, Mr. Thomas, who has been with the department for 25 years, has taken charge of the department.

Our Directors have instructed that suit be brought to determine the right of the railroads to deduct anything from short-charge claims to allow for "natural shrinkage" and we feel confident of winning the suit.

Our Weighing Dept. not only sees to it that all grain in each car is weighed, but it tests scales frequently to insure correct weights. All cars are carefully examined before unloading and the condition of the car recorded on forms specially prepared for this work. Mr. Warren told me that of the grain laden cars arriving during August, 72% were leaking.

L. W. Forbell: New York's precautions to detect leaks and causes of shortages are much the same as in Baltimore. We have form blanks for reporting each leak. Two driers are now being installed, so we will be in better condition to care for your grain than ever.

About a year ago we established a Discount Comtee who examine and pass upon every load of off grade grain sold track. This comtee fixes the discount and its action is recorded in the Sec'y's office. Any shipper can learn the discount fixed on his car. The receiver has no voice in the matter and we think the system is eminently fair.

H. E. Richter: Cincinnati has about a million bus. storage capacity, of which about 750,000 bus. is public. We have a large outlet for grain to the Southeast and have a large local consumption of grain. Our Weighing Dept. has not been entirely satisfactory but the comtee now at work feels confident we will effect an improvement soon. Our inspection yards are scattered over a wide territory, but we strive to centralize as much as possible so as to facilitate the work of our inspectors. All of our inspectors are experienced men. Cincinnati is an excellent market for off grade grain. Like Baltimore we offer the protection of the rules of our exchange to shippers to our market.

A telegram of regrets from Chas. Eng-land was read.

Henry L. Goemann: Mansfield's Chamber of Commerce is incorporated under the laws of the state and has charge of the weighing.

We have 300,000 bus. storage, much of it is concrete and I am glad to say that grain out of our tanks is free from weevil, which many of you will have trouble with this year. We have large hopper scales with type registering beams. All cars are examined carefully upon arrival by one of our men, who with a hammer goes with a railroad inspector and inspects every car. Our Hess Drier has a drying capacity of 500 bus. per hour.

E. W. Seeds: Columbus is an intermediate point. Grain can be hauled to eastern markets and dried here in a Hess Drier in transit. Next week the Gwynn Milling Co. will start a Hess Drier. Our inspector is under the control of the Board of Trade and the uniform rules govern his grading. Our facilities are at your disposal at low rates.

E. H. Culver: Toledo has storage for 7,000,000 bus., half of it steel. We have a number of driers of varying capacity. The youngest inspector on our force has been with me nine years.

You will have more trouble with weevil joint worm and more burnt grain than ever. If you accept this poor stuff as good grain and ship it to a central market blame yourself not the inspectors because much of it is not good. I have here a new grain tester which I have had made especially for this work and it is correct. Any manufacturer can make it. The difference between testers makes much trouble for the trade. If we can have correct testers used throughout the land we will have fewer disputes.

Ohio corn is the best we have ever had. If our Agricultural Experiment station induces all of our farmers to plant the 90 day Dent we will have better corn every year.

A. Anderson: Buffalo storage room is practically unlimited. We have always been able to care for all grain offered. We have driers of larger capacity. We watch for leaks and report and order cars. The work of our track inspectors is reviewed by myself as the stationer come into our office and changed if I deem the grade incorrect and the track inspector is notified of his error. I will be glad to answer any questions.

Prof. V. M. Shoemaker: On Nov. 26, 24 and 25 we will have our state corn show here at the State University, after the local shows have been held. We hope all prize winners at the local corn shows will be sent to the state shows and we propose to take the best to the Omaha National Corn Exposition. We hope to have a special train of cars to the Omaha show, stopping at Urbana, Ill., Chicago, if desired, and at Ames, Ia.

The prizes for the state show already amount to over \$700 for farmers exhibits. We also have several trophies.

The dealers trophy is to be kept by the winner. It is for the grain dealer exhibiting the best five samples of ten cars each marketed at his elevator. It is a watch fob of solid gold and valued at \$50.

Sec'y McCord reported that \$300 had been pledged by Ohio grain dealers as prizes for corn exhibits, but had ships passed and insisted that at least \$300 more be subscribed.

Fred Mayer spoke of the corn specials and subscribed \$25.

H. W. Robinson: I am going to have a corn show at Greenspring with the intention of getting samples for the state show which will enable me to wear that handsome fob.

H. S. Grimes: We will have a corn show in Portsmouth early in November for the purpose of capturing all the prizes at the state show.

C. E. Groce: We always have the best corn show in the state in Figue county. Come down next week.

E. A. Grubbs: I think the work done by the trade in the interests of improved corn is one of the most profitable labors ever undertaken.

Mr. Linhart: Bellevue has the best corn ever this year. If you do not believe it examine the corn and I have made from it. Last year I had to ship in corn from Nebraska. I want to say that Greenspring is not in it. Remember, the dealers trophy goes to the dealer who exhibits samples of corn he has sold.

A. B. Beverstock: Richland county is a wheat section. We do not have six or seven cars of corn a year at all our stations. It is unfortunate just as Mr. Kuss says, many farmers who attended the

corn special lectures asked, "When are you coming this way again? If we had known we would have received the information we have all our friends would have been here."

C. B. Jenkins: The value of the Seed Corn Specials is inestimable, and I think you will not suffer from hot corn this year. I think we should give more attention to the production of more and better wheat.

H. S. Grimes: I move that the remarks of the representatives of the terminal markets be published in pamphlet form and sent to each member. Of course it will be printed in the Journal, but I think they would give more attention to it if printed in a special book. Carried.

Adjourned for luncheon.

AFTERNOON SESSION.

The afternoon session was called to order at 2:05 by Pres. Groce, who asked Vice-Pres. Miller to report on new corn.

M. W. Miller: At the Miami Valley Ass'n meeting the first of the month the consensus of opinion was that we will have good corn to handle and altho it will be in condition to handle earlier than usual, we deemed it the part of wisdom to hold off until it is in condition to handle with safety. The farmers will surely deliver the greenest and heaviest corn first because it will net him the most.

Q. Climer: Corn in the vicinity of Chillicothe is of excellent quality and I believe we will have an average crop. It will move early.

John Duncan, St. Paris: I do not believe the acreage is as large or the crop as large as usual but the condition will be good if we give it a chance to mature. Some I bot and threw on the floor soon moulded. I believe some of the corn is chaffy.

E. A. Grubbs: Condition of corn is good. We will have three-quarters of an average crop. I think it will not be in condition to handle for some time.

L. W. Forbell: No new corn has been worked thru New York, but I understand that New England has bot 500,000 bus. corn to arrive "cool and sweet." New York dealers are anxious to handle new corn for export, but present prices puts it out of the question. When corn gets above 60 cts. European buyers find substitutes. I understand none of your corn will grade below No. 3. So far the Europeans have not come into the market.

E. H. Beer: Baltimore exporters have been buying some "year corn," i. e., for Nov. and Dec. delivery, but if the European buyers lay down, the Baltimore buyers will get left.

L. F. Anderson, Anderson Sta.: I doubt it will be safe to handle new corn for at least three weeks. Corn is dry, but we can not afford to be hasty.

H. S. Heffner, Circleville: We have considerable more corn than last year and of good quality, but it will not be safe to handle very soon.

Mr. Patterson: Pike county has a good crop, but it will not be safe to handle until Nov. 1.

H. S. Grimes: My reports from different sections of the country show that the dry Sept. was the making of our corn crop, altho it scared many dealers. Ohio has the best corn in many years and the quantity is not below the average. It will not be safe to handle until Oct. 25 to Nov. 1.

G. N. Perrill, Bowersville: We will have 75% of a crop, but of good quality.

Horace Allen, Troy: We had several samples of corn bot in last week and put thru a moisture tester. To our amazement it contained 20 to 24% moisture. Showing that it is dry on the outside only.

H. L. Goemann: New corn from Wellsboro, Ind., tested Aug. 24—41% moisture; Sept. 23, 29%; Oct. 1st, 18% best, and 23.8% softest corn. Test on shocked corn Oct. 25, 18.4%.

C. B. Jenkins: I think corn can safely be shipped from Greencamp by Oct. 25.

E. W. Seeds: The only corn we have tested showed 29 and 34% moisture.

H. E. Richter: We had new No. 3 corn from Okla. arrive in Cincinnati heating slightly, altho it contained but 18% moisture. I think dealers cannot safely ship new shelled corn for some time.

E. W. Seeds: Last year corn containing 23% moisture was shipped and arrived all right. I think it was because it contained less oil and more water than usual. This crop contains more oil and I think shippers will profit by waiting until it is thoroly matured.

F. C. Bately: Champaign county corn is the driest we have had for years, but we will not have over 75% of a crop.

M. A. Silver, West Jefferson: Corn is of good quality, about three-quarters of a crop. It can be shipped with safety last of the month.

W. S. Snyder, Kenton: We have 75 to 85% of a corn crop. Quality good. It

will not be in condition to ship until the last of the month.

W. Wendt, Kenton: We have already ground about 500 bus. of new corn and have had no complaints of the meal. Corn is well matured and dry.

C. S. Behymer: Our corn will not be safe to ship until 15th to 20th if we can keep it out of our eltrs. The crop is of good quality.

E. W. Seeds: We discount the effect of the work of the Agricultural Specials and the experiment stations by refusing to buy all corn. I think the corn which is in condition to handle should be received as soon as the farmers offer it, and farmers encouraged thereby to grow such corn.

G. W. Lamb, Hooker: We have been shipping new corn in the ear for two weeks. We are always ready to ship as soon as our local valley trade wants it. The corn is well matured, but full of sap and heavy. We pay 50 cts. for 70 lbs.

H. S. Grimes invited all the dealers to attend the annual meeting of the National Ass'n in St. Louis Oct. 15, 16 and 17.

John McDonald: I think Mr. Seeds is right. We should buy the good corn as soon as it is ready to handle and refuse the poor stuff.

H. S. Grimes: I move that the President appoint twelve delegates to the National meeting and appoint only those who do not intend to go. Carried.

E. W. Seeds presented the following resolutions:

Recommend Use of Registered Tracer.

Whereas, we believe, after thoro examination and consideration, that the Registered Tracer is a simple and effective device for tracing accurately such shipments of freight as actually require this service and giving the shipper prompt and accurate information as to the progress of his shipment while en route and,

Whereas, the system seems to be so arranged that it will decrease rather than increase, the labor of the carriers in this department, while at the same time serving the shipper better than the former method, because of the fact that it required the expenditure of about 25 cts. on the part of the shipper for each tracer used, thus serving to eliminate useless and indiscriminate tracing, much of which is now indulged in and,

Whereas, it is the desire of the Ohio Grain Dealers Ass'n to co-operate with the carriers in anything that will improve the service or reduce the expense incidental to the shipment of grain, both of which this device promises to accomplish, therefore,

Resolved, That we recommend to the members of our ass'n and all grain shippers the use of the Registered Tracer, but for such shipments only as for some special reason require tracing, and that we request all the railroads operating in Ohio to adopt this method and arrange to put it in effect at an early date, with full instructions to Agents for the prompt handling of such tracers, as a large number of roads, including many in Ohio, have already done.

(Signed)

E. W. Seeds,
Henry L. Goemann,
Harry W. Kress,

Traffic Comm. Ohio Grain Dealers Assn.
The registered tracer was endorsed.

Protest Against 110% Bs/L.

The railroads having notified the shipping public that on Nov. 1st a new uniform B/L will be put in effect with the proviso that if the provisions of same are not satisfactory to the shipper that 10 per cent will be added to the rate in order to give the shipper the common-law liability. We hereby protest against same and instruct our secretary to notify the National Industrial Traffic League which meets in Chicago this week, that we are opposed to the new B/L and endorse the B/L which they recommend.

H. L. Goemann in seconding the resolution against the uniform B/L recommended by the I. C. Commission read the following from the circular issued by the Central Freight Ass'n:



To the Public.

Upon the recommendation of the Interstate Commerce Commission, which was made after public hearing upon the matter, at which all interests were afforded an opportunity to be heard, the carriers will, on Nov. 1st, 1908, adopt a new uniform B/L combine with a new shipping order. This combined uniform B/L and shipping order was prepared by a representative committee of shippers and carriers after many conferences with banking and other interests.

On and after Nov. 1st, 1908, the shipper may have the option of shipping property either subject to the terms and conditions of the uniform B/L, or under the liability imposed upon common carriers by the common law and by the Federal and State Statutes applicable thereto, i. e., if the shipper elects to ship under the terms and conditions of the uniform B/L and shipping order, the rates provided in the Official Classification and Tariffs will apply. If the shipper elects not to accept the conditions of the new uniform B/L and shipping order, the property so carried will be at the carrier's liability, limited only as provided by common law and by the laws of the U. S. and of the several states in so far as they apply, but subject to the term and condition of the Uniform B/L in so far as they are not inconsistent with such common carriers liability, and the charge therefore, will be ten per cent higher (subject to a minimum increase of one cent per 100 pounds), than the rate charged for property shipped subject to all the terms and conditions of the Uniform Bill of Lading and shipping order.

The grain exchanges have protested against the new B/L and the 10% advance and I would like to see this Ass'n take similar action. It is a very serious matter and will greatly handicap the grain business.

L. W. Forbell: The Grain Com'te and the Traffic Com'te of the N. Y. Produce Exchange have drafted and forwarded to the Interstate Commerce Commission a vigorous protest against the provisions of the Uniform B/L.

J. S. Dewey: Some of the bankers do not seem to be favorable to the new forms.

H. L. Goemann: It will be almost impossible to collect a claim for shortage under the new B/L and your grain can be put in store at terminals without your consent and mixed with other grain. Its identity will be lost and trade destroyed. The margin of profit is so small none can afford to pay the 10% increase to get the railroads to assume their common law liabilities.

A. E. Clutter: This new B/L looks very unfair to me. I think the only thing to do is to quit. If we would not ship any grain for a couple of months the freight solicitors would soon be begging for business.

J. E. Wells: I think the shippers can not afford to take any chances on losses, but must pay the extra 10% in order to get the needed protection. I think all shippers should stand together and refuse to sign the Uniform B/L.

Sec'y McCord: I am in favor of the resolution, altho I believe the new form is an improvement over the present form. The present form does not provide for any increase in the rate, but the schedule does. The railroads have waived the 20% provision for several years.

E. W. Seeds: If you sign the new Uniform B/L you will do so under duress and I doubt that the railroads can enforce its conditions. I think we should not stop this agitation, but keep at it until a fair form is legalized by an Act of Congress.

The resolution was adopted without opposition.

The following resolution denouncing the "natural shrinkage" deduction was adopted without opposition:

Object to Deduction for "Natural Shrinkage."

Whereas, it is the custom of the claim department of the railroads in the Central Freight Ass'n to deduct $\frac{1}{2}$ of one per cent, or $\frac{3}{4}$ of one per cent when settling claims for loss or damage on grain while in transit on the plea of natural shrinkage, which experience is not correct, for that where cars are properly weighed there is practically only a nominal difference, say scale difference of 30 to 50 lbs. to the car, we object to settlements being made on this basis and insist that claims be settled on their merits in each case.

Pres. Groce appointed the following dealers delegates to the National Convention at St. Louis: A. B. Beverstock, Lexington; P. H. Harsha, Portsmouth; R. R. Bales, Circleville; E. C. Baer, Hicksville; M. A. Silver, W. Jefferson; Grant McMorran, St. Paris; C. M. Myers, Columbus; Odgen Edwards, Troy; C. S. Behymer, Rockford; G. W. Lamb, Hooker; J. M. Dewese, Yorkshire; L. F. Anderson, Anderson Station.

Sec'y McCord reported \$510 subscribed by the grain dealers for the Corn Show Premium List.

Adjourned sine die.

Convention Notes.

Everyone wanted the dealers trophy.

H. E. Richter has a few good words for Cincinnati on the Ohio.

L. W. Forbell and wife from New York representing Forbell & Kipp.

D. Y. Huyett said he was from Indianapolis, but how he knew is a mystery.

If Ohio has gone dry the pure spring water at the Chittenden was certainly doped.

Edmund E. Delp of Edmund E. Delp & Co. was the only Philadelphia representative.

R. J. Hackney, who has just been on the road five weeks for the Cleveland Grain Co.

A. B. Beverstock took occasion to corner a friend at a time and advise each to clean his grain.

A. S. Garman of the Huntley Mfg. Co. and B. D. Heck of the Philip Smith Mfg. Co. represented the interests of machinery manufacturers.

The Grain Dealers National Mutual Fire Insurance Co. was represented by Irving C. King of Indianapolis and C. O. Peters of Columbus.

Clover best crop ever raised, corn an average crop and some oats still in the hands of the farmers.—Any Old Dealer Who Attended Conv.

R. A. Sheets, of R. S. McCague, Jos. A. McCaffrey of Daniel McCaffrey's Sons Co., J. A. A. Geidel are unanimous in the belief that business is dull in Pittsburgh.

Buffalo was well represented by Fred E. Pond, Sec'y of the Corn Exchange, Alfred Anderson, Chief Grain Inspector; J. C. Rouser and H. F. Keitsch of Pratt & Co., and B. L. Burns with Burns-Yantis Grain Co.

Some of the boys were joking J. E. Wells about attending a show where some fair damsel danced in her bare feet. But the old veteran of the grain game retorted by saying that he had seen that "lots of times."

The grain dealer who didn't have a chance to learn something about the Kennedy Car Liner was not present. Fred W. Kennedy saw every grain dealer who looked like he ever loaded a car of grain and presented him with a model of his liner.

E. H. Beer with Chas. England & Co. and H. E. Elgert with J. A. Manger & Co. represented the port of Baltimore handsomely and were so well pleased with the Ohio Convention that they intend to coast about the central part of the state

until the Grain Dealers National Convention in St. Louis.

Upon the pretext of desiring to hunt a few of his grain companions A. B. Beverstock took one of his friends to Keiths and conducted him past the door keeper to a fine seat on the main parquet while the Grand Opera singers sung about the patriot Washington. When he entered the darkened hall he forgot to look for his friends and as the watchman forgot him the farmers in the vicinity of his elevators will not receive any less for their grain who might have had to pay for the tickets.

The great big clover crop in Ohio this year, most of which has been going to Toledo, naturally has engendered some dissatisfaction in-so-far as grading is concerned and W. W. Cummings of The J. J. Coon Grain Co., K. D. Keilholtz of Southworth & Co., F. W. Rundell of W. A. Rundell & Co., O. H. Paddock and wife of The Paddock-Hodge Co., H. L. Goemann, H. R. DeVore, E. H. Culver, Chief Grain Inspector and Fred Mayer of J. F. Zahm & Co. came down enmasse to tell the dealers Toledo knows how to grade clover seed and if they do not think so to come up and see. Then, after an impartial investigation if they are not satisfied their expenses will be paid.

Shippers in Attendance

Among the Ohio dealers present were:

Horace Allen, Troy; C. N. Adlard, Piqua; C. S. Behymer, Rockford; R. R. Bales, Circleville; E. C. Baer, Hicksville; A. B. Beverstock, Lexington; T. W. Baum, Duval; C. F. Barnhouse, Harpster; Alden Beatty, Kings Creek; J. F. Coppock, Fletcher; Q. Climer, Chillicothe; O. J. Chamberlin, A. E. Clutter, Lima; J. W. Channel, Melvin; A. R. Custis, Melvin; J. A. Crawford, Washington C. H.; J. S. Dewey, Blanchester; John Duncan, St. Paris; J. M. DeWeese, wife and daughter, Yorkshire;

August Edwards, Troy; C. E. Groce, Circleville; E. A. Grubbs, Greenville; H. S. Grimes, Portsmouth; J. O. Gooding, Lewis Center;

Wes Hardman, Woodstock; F. P. Hastings, Cedarville; R. & B. Heath, Shelby; H. S. Heffner, Circleville; P. H. Harsha, Portsmouth; H. Hall, Unionville Center; A. Howard, Milford Center; A. F. Hess, Groveport;

C. B. Jenkins, Marion; Willis Jones, Mt. Sterling; W. F. Johnson, Larue;

Harry Kress, Piqua; G. W. Lamb, Hooker; F. E. Langdon, Wilmington;

M. W. Miller, Piqua; Frank McDowell, Bloomington; Wm. Mogan, Era; W. M. Myers, Lockbourne; John McDonald, Washington C. H.;

C. E. Newton, Sciota Valley; E. J. Norton, Greenfield;

G. N. Perrill, Bowersville; W. H. Persinger, Sidney;

H. W. Robinson, Greenspring; W. D. Rapp, Sabina; G. W. Ruff, Amanda; J. A. Resler, Caledonia; C. M. Rife, Circleville;

W. S. Snyder, Kenton; I. W. Sanft, Broadway; J. C. Spurrer, Marysville; J. L. Stemple, Ada; M. A. Silver, West Jefferson;

E. A. Switzer, Gallon; D. F. Taylor, Ashville;

Jo Wolcott, Conover; W. Wendt, Kenton; J. E. Wells, Sidney; John Wren, Deunquat; L. R. Watts, London; C. A. Weldon, Circleville; R. T. Watson, Old Fort;

F. Zartman, Jamestown.

Keep out of the way of the bulls and bears. They are dangerous animals and catch many. We have always been afraid of them. Some have tried to pet them and got hurt.—Campbell & Wilson.

Clarence Jones, pres. of the Chamber of Commerce of Newport News, Va., has been informed by the London Corn Trade Ass'n that on and after Oct. 1 Newport News official certificates of inspection are tenderable on American grain contracts Nos. 14, 15 and 16. Notification to the trade is being sent out by W. S. Upshur, manager of the Chesapeake & Ohio Grain Elevator Co.



Annual Meeting of

St. Louis Arrangements.

Martin J. Mullally, chairman of the Executive Com'te of the St. Louis grain dealers, informs us that, "Arrangements for the handling of the 12th annual convention of the Grain Dealers National Ass'n, which will be held in St. Louis, Oct. 15th, 16th and 17th, are practically completed by the local committee having the convention in charge. The headquarters of the convention will be at the Southern Hotel, and the large dining room on the 2d floor will be used as the convention hall.

"From advices received from John F. Courcier, Sec'y of the National Ass'n, upward of one thousand to twelve hundred delegates from all quarters of the country, reaching from California on the west to New York on the east and from Minnesota south to the Gulf of Mexico, will be in attendance, giving promise of one of the largest conventions ever held by the National Ass'n.

"The local reception committee, headed by Edw. M. Fless, and about fifty other members of the Exchange, have arranged so that part of the committee will receive the delegates on their arrival at the Union Station while the others will await their arrival at the Southern Hotel.

"At 10 o'clock Thursday morning, Oct. 15th, the Rev. Harris H. Grogg, D. D., will deliver an invocation, after which the Honorable Rolla Wells, mayor of St. Louis, will deliver the address of welcome, and will be followed by Edward Devoy, President of the Merchants Exchange, who will speak to the visiting delegates on behalf of the members of the Exchange, after which the usual routine business of the convention will be taken up.

"At the second day's session of the convention, among the St. Louisians to speak, will be J. C. Lincoln, Commissioner of the Merchants Exchange Traffic Bureau, who will talk on 'The Mutual Interests of the Common Carrier and the Grain Shipper,' and the Rev. Wm. C. Biting will talk on 'The Winnowing Fan.'

"On the third day of the convention, the Honorable David R. Francis will talk on "Commercial Ethics," and Geo. J. Tansey, an Ex-President of the Merchants Exchange, will talk on St. Louis in general.

"The Committee on Entertainment for the Visiting Delegates, with J. B. Bethune as Chairman, have provided two large passenger automobiles to be used Friday and Saturday to make hourly trips in showing the visitors the sights of our city. On Friday evening the 1st and 2d floors of the American Theater have been engaged for the exclusive use of the visiting delegates.

"All visitors who register at the headquarters will be provided with a special card of admission to the floor of the Merchants Exchange.

"Aside from the speakers provided by the local committee, a number of prominent outside grain men will address the convention on topics of interest to the members of the National Ass'n.

"The committee on arrangements consists of Manning W. Cochrane, Chairman; J. B. Bethune, Chas. F. Beardsley, J. W. Steele and G. L. Graham. The executive committee is composed of Martin J. Mullally and Louis Helm."

To the Grain Trade.

On October 15th, 16th and 17th at the Southern Hotel in St. Louis, will be held the Twelfth Annual Convention of the Grain Dealers National Association. We want the rank and file of the grain trade to attend this convention. It makes no difference whether you are a member of the association or not, you are welcome, and we earnestly urge you to be present and see for yourself what the Grain Dealers National Ass'n is doing for the trade.

This promises to be one of the largest and most interesting conventions the association has ever held. There are questions of very great importance coming before the convention. I most earnestly urge you, whoever you are, and wherever you may be, to come to this meeting.

Very truly yours,
GRAIN DEALERS NATIONAL ASSN.

A. E. Reynolds,
President.

What city will capture the next meeting?

Oklahoma dealers will come direct from their state metropolis in a special sleeper. —Gov. Haskell is not a grain dealer.

The Texas Grain Dealers Ass'n will surely be represented. It had twenty members at the Des Moines meeting and no doubt will at least send Pres. Hughes and Sec'y Dorsey to St. Louis.

The large attendance already assured proves the great advantage of selecting time and place long in advance. It admits of thoro advertising and gives grain dealers ample time to arrange to be there.

Bossemeyer Bros., of Superior, Nebr., is the first firm to favor us with a printed copy of the Grain Dealers National Association official form of Confirmation Blank as adopted by them.—Jno. F. Courcier, Sec'y.

W. L. Richeson, Chief Grain Inspector of New Orleans, visited Chicago and St. Louis last week, strong in the hope that the Louisiana Metropolis would capture the next annual meeting of the Grain Dealers Nat'l Ass'n.

Uncle Sam Breakfast Food was made and marketed in the U. S. because L. Coltrin of Omaha couldn't retain ordinary food on his stomach. It was eat or die with him and so he mixed some wheat, flaxseed and celery salt together and was cured. A company with a paid up capital of \$100,000 has a large plant with a capacity to manufacture 1,000 bus. of wheat and 1,000 bus. of flaxseed per day at Omaha and it is said the food cannot be manufactured fast enough to supply the demand of dyspeptics the country over.

Program 12th Annual Meeting

Grain Dealers National Ass'n.

THURSDAY, OCT. 15, 1908, 9:30 A. M.

Invocation, Rev. Harris H. Grogg, St. Louis, Mo.

Address of welcome on behalf of the city of St. Louis, Hon. Rolla Wells, Mayor of St. Louis.

Address of welcome on behalf of the St. Louis Merchants Exchange, President Edward Devoy.

Response on behalf of the grain trade, C. C. Ramey, New York, N. Y.

President's address, A. E. Reynolds, Crawfordsville, Ind.

Appointment of committees.

AFTERNOON SESSION, 2:30 P. M.

Report of Executive Committee, J. W. McCord, chairman, Columbus, O.

Secretary-Treasurer's report, John F. Courcier, Toledo, O.

Report of Membership Committee, Fred D. Austin, Chicago.

Report of Arbitration Committee, H. S. Grimes, chairman, Portsmouth, O.

FRIDAY, OCT. 16, 9:30 A. M.

Confirmation Blank Committee, John M. Dennis, chairman, Baltimore, Md.

Uniform Grades, E. H. Culver, president, Chief Inspectors National Ass'n, Toledo, O.

Grain and Mill Feed Ass'ns, M. F. Baringer, chairman, Philadelphia, Pa.

Trading in grain for future delivery, Hiram N. Sager, President Board of Trade of Chicago, Chicago, Ill.

AFTERNOON SESSION, 2:30 P. M.

Report of Trade Rules Committee, E. A. Grubbs, chairman, Greenville, O.

Relations of National Hay and Grain Ass'ns, Maurice Niezer, Pres. National Hay Ass'n, Monroeville, Ind.

Report of Transportation Committee, C. S. Bash, chairman, Ft. Wayne, Ind.

"Natural Shrinkage," Frank E. Marshall, Sec'y, Commercial Exchange, Philadelphia, Pa.

SATURDAY, OCT. 17, 9:30 A. M.

Report of Crop Report Committee, H. S. Grimes, chairman, Portsmouth, O.

Interdependence of Carriers and Shippers, L. A. Clark, Muncie, Ind.

Demurrage Committee report, C. B. Riley, chairman, Indianapolis, Ind.

Higher Commercial Ethics, Hon. D. R. Francis, former Governor of Missouri, St. Louis, Mo.

AFTERNOON SESSION, 2:30 P. M.

Reports of special committees.

Unfinished business.

Election and installation of officers.

New business.

Adjournment.

The subject of a uniform bill of lading will be assigned to a special committee at the convention.

National Association.

Will Be There.

St. Louis grain receivers expect one thousand grain dealers to attend the Grain Dealers National Convention Oct. 15, 16, 17. It looks as if the expectations of the grain men will be realized for not only are hundreds of members of the trade declaring their intentions to attend but many are going to take their wives. Among those who will attend:

CHICAGO: L. A. Lewellyn; Henry Rumsey; E. A. Wood; Sam Finney; H. H. Freeman; E. P. McKenna; W. K. Mitchell; A. R. Sawers and wife; J. F. Bassett; W. H. Kaiser; N. Lederer; P. S. Goodman; J. P. Griffin; W. C. Irvine; S. P. Arnot; H. N. Sager; F. D. Austin; J. F. Jeffers; J. C. F. Merrill; R. W. Carder; W. Scott Cowen; H. H. Newell; A. Gerstenberg; J. A. Costello; W. M. Hirschy; Frank Bunch; P. H. Schifflin; Oscar C. White; W. N. Eckhardt; Gordon Hannah; F. E. Winans.

PEORIA: A. G. Tyng; C. C. Miles; E. G. Isch; Rudolph Isch; Samuel Mosiman; W. S. Miles; Grant Miles.

ILLINOIS: E. M. Wayne, Delevan; H. I. Baldwin and F. J. Stemple, Decatur; S. W. Strong, Pontiac; A. McLeod, Bloomington; Mr. and Mrs. R. F. Cummings, Clifton; J. E. Collins, Garrett; James L. Brainerd, Springfield; H. E. Halliday and H. S. Antrim, Cairo; R. C. Baldwin and A. V. S. Lloyd, Bloomington; H. A. Hillmer, Freeport; Frank Supple, Bloomington; A. W. Blythe, Gays; G. J. Siebens, Decatur; W. C. Price, Brockton; C. R. Mitchell, wife and daughter, Ashmore; Mr. and Mrs. H. N. Knight, Monticello; Mr. and Mrs. Harry Kaga, Camargo; C. E. Hitch, West Ridge; W. G. Quinn and D. G. Corbin, West Point; J. W. Hairgrove, Virden; Alec C. Durdy, Ohlman; I. J. Brinkerhoff, Redmon; F. G. Bader, Vermont.

INDIANA: T. A. Morrisson, Kokomo; A. E. Reynolds, Pres. Grain Dealers National Ass'n, Crawfordsville; P. E. Goodrich, Winchester; Mr. and Mrs. W. T. McCray, Kentland; Fred B. Fox, Tipton; H. H. Deam, Bluffton; G. D. Ettinger, Bourbon; E. H. Young, Evansville; B. F. Crabbs and W. B. Foresman, Crawfordsville; M. L. Conley, Frankfort; Robert Bell, Lafayette; Fred W. Kennedy, Shelbyville.

INDIANAPOLIS: Mr. and Mrs. C. A. McCotter; Mr. and Mrs. Bert A. Boyd; Mr. and Mrs. T. A. White; Mr. and Mrs. W. H. Howard; J. W. Brafford; Mr. and Mrs. D. Yulee Huyett.

IOWA: M. McFarlin, Des Moines; D. Rothschild, Davenport; Mr. and Mrs. W. A. Wilkin, Albia; H. L. Scott, Batavia; B. A. Lockwood, Des Moines; H. W. Iblings, Geneva; W. F. Morgan, Des Moines; Harlie Yost, Libertyville; P. P. Scholwarter, Wayland.

KANSAS: E. J. Smiley Sec'y Kansas Grain Dealers Ass'n, Topeka; J. W. Radford, Kansas City; F. G. Olson, Wichita.

KENTUCKY: Harry H. Bingham, Louisville; J. M. Haggan and R. S. Logan, Lexington; J. R. Shaw, Jett.

LOUISIANA: W. L. Richeson, Chief Grain Inspector, A. F. Leonhardt, J. T. Gibbons and H. W. Benedict, New Orleans.

MARYLAND: Chas. England, James A. Clark, H. E. Elgert, Wm. Rodgers, and John M. Dennis, Baltimore.

MINNESOTA: F. W. Eva, St. Paul.
MICHIGAN: Mr. and Mrs. W. E. Shelden, Jackson; F. W. Harrison, Chief Grain Inspector, Detroit.

MISSOURI: J. W. Boyd, Joplin; Geo. W. Feniman, Bertrand; Irvin Kinon, Days.

NEW YORK: C. C. Ramey, Jas. Simpson, Wm. Foulke, F. R. Smith, Edw. Berthoff, R. T. Crossen, A. E. Lovejoy, L. W. Forbell, E. T. Cushing, Jas. H. Bowne, Otto Keusch, L. A. Morey, New York; Fred E. Pond, Alfred Anderson, Buffalo.

NEBRASKA: A. C. Carroll, Jackson; T. M. Buckridge, Brock.

OHIO: Mr. and Mrs. H. S. Grimes and daughter, Portsmouth; Mr. and Mrs. J. W. McCord, Columbus; Mr. and Mrs. Fred Mayer, Toledo; E. H. Culver, Chief Grain Inspector, Toledo; A. C. Gale, Cincinnati; John F. Courcier, Sec'y Grain Dealers National Ass'n, Toledo; Mr. and Mrs. M. F. Crissman, Manchester; E. A. Grubbs, Greenville; J. E. Heniken and F. E. Watkins, Cleveland; H. L. Goemann, Charles Knox, E. L. Southworth, Fred W. Rundell, John Wickenheiser, W. E. Tompkins, Jesse Young, Toledo; W. H. Weber, John G. Walker, P. K. Gale, Cincinnati; E. W. Seeds, Columbus; Henry H. Heiser, Chatfield; Harry W. Kress, Piqua; Mr. and Mrs. A. B. Beverstock, Lexington; A. J. Hess, B. D. Heck, H. W. Miller and J. L. Van Riper, Sidney; H. W. Robinson, Greenspring; F. E. Flemming, F. F. Collins, W. R. McQuillan, C. E. Van Leunen, Geo. Munson, Chief Grain Inspector, and H. J. Good, Cincinnati.

OKLAHOMA: Buran House, Oklahoma City.

PENNSYLVANIA: E. L. Rogers, Edmund E. Delp, E. H. Price, James L. King, Frank E. Marshall, Philadelphia; John B. Yeager, Wilkes Barre; H. G. Morgan, Jos. A. McCaffrey, Pittsburg.

TENNESSEE: Chas. D. Jones, S. M. Bray, Memphis; T. M. Logan, Albert Rothschild, J. B. McLemore, R. H. McClelland and John H. Bell, Nashville.

WASHINGTON, D. C.: John B. Daish, District of Columbia.

Reduced Railroad Fares.

Reduced railroad fares have been granted for the twelfth annual meeting of the Grain Dealers National Ass'n to be held at the Southern Hotel, St. Louis, Mo., Oct. 15, 16 and 17, 1908.

The Central Passenger Association has made the following concessions:

"Two cents a mile in each direction from Central Passenger Association territory; special rate tickets of standard non-transferable, iron-clad signature form 1-A, good going and returning via same route only, to be sold on October 13, 14 and 15, return limit October 19, 1908."

One way rates of two cents a mile are in effect from practically all points in the Western and Southern Passenger Association Territories, making a rate of approximately one and one-third fare for the round trip on the old rate basis.

All those purchasing tickets at points not included within the zones favored by the above concessions can probably reduce the sums of their through fares, by buying local tickets to the nearest points taking reduced fares, and then rebuying to St. Louis.



New Secretary of Indiana Ass'n.

The Indiana Grain Dealers Ass'n has a new secretary in the person of M. T. Dillen, of Frankfort, Ind. Mr. Dillen has been an active worker in Ass'n circles for several years, having been connected with the City Mills at Frankfort for seven years, and during the last year has operated three elevators on the C. I. & S. R. R. Mr. Dillen having had extensive experience in the grain business, will readily sympathize with grain dealers in all their troubles, and, like his able pre-



M. T. Dillen,
Sec'y Indiana Grain Dealers Ass'n.

decessors, be able to advise and help members. We feel certain that he will receive the hearty support of every member, just as Mr. Brafford and Mr. Riley did before him.

It is only a question of time until the foreigners will be forced to come to this country for wheat; this will naturally mean a very material advance in prices, as our exportable surplus this year is indisputably small.—W. E. White.

Warnings against the fire hazards of slack coal and scouring machines have been sent out by Glen Walker, sec'y of the Millers Mutual Fire Insurance Co., Fort Worth, Tex. This company has paid losses to 7 policyholders where the adjuster's report showed that the fire originated in the coal. The company has had 12 losses due to neglect of cleaning out the housing of wheat scourers. In case a fire should start in one of these machines a man should be stationed at each dust collector for an hour at least, with a bucket of water, as after having been apparently extinguished these scourer fires have been discovered later in the dust collectors.

Seeds

Greenfield, O.—The clover seed crop is the largest since 1902; all bright but small; 75 per cent is yet to be marketed.—E. J. Norton of C. C. Norton's Sons.

J. Vernon Sheap has taken over the branch warehouse and contracts of E. W. Conklin & Son at Harrisville, Mich. Mr. Sheap is also in the seed business at Lincoln, Mich.

Columbia, Mo.—The acreage of timothy threshed for seed is 82 per cent of that of 1907, and the yield is 3.5 bus. per acre. The acreage of clover is 116 per cent compared with 1907 and the yield per acre 1.4 bus.—Geo. B. Ellis, sec'y Missouri Board of Agriculture.

Reports received by us from more than one hundred country shippers of kafir corn and milo maize indicate a yield slightly larger than last year. The weather has been ideal for maturing this grain and the quality should be good. The movement should be free by the middle of November.—J. R. Tomlin Grain Co.

Washington, D. C.—The Department of Agri. on Oct. 8 reported the production of clover seed this year to have been 91 per cent of a full crop, against 65 last year. The percentages of a full crop are: Ohio, 105; Indiana and Illinois, 100; Michigan, 94; Iowa, 88; Missouri, Wisconsin and Kentucky, 85; Pennsylvania, 80, and New York, 73 per cent.

Galion, O.—Clover seed is of good quality, but the yield will average about one bus. to the acre. All late clover contains little red worms. A few fields have not been threshed because the prospective yield was too small to pay for the work. The acreage was fully 50% larger than usual. Timothy seed about an average crop, both as to quantity and quality.—H. J. Weaver.

The Everett C. Clark Seed Co. of Milford, Conn.; Sister Bay, Wis., and East Jordan, Mich., is negotiating for a site at Green Bay, Wis., upon which to erect a 4-story concrete building for the storage of seeds. It is understood that seed peas will be a specialty at Green Bay. A. B. Clark of the company has practically agreed upon terms for a site on the Fox River and Chicago & Northwestern Ry.

Agricultural papers are advising farmers to hold their clover seed for higher prices. They are looking at the price as compared with recent seasons rather than at the crop, which is the largest since 1897. If the farmers will keep it out of sight and carry until another season they may be well rewarded. Some Ohio dealers write an advance of 50 cents would bring out a flood of seed, as farmers are not now disposed to sell for less than five dollars.—C. A. King & Co.

October delivery day is past and those looking for a bad break on account of it were disappointed. The deliveries were fair and were well taken care of and no doubt hedged by sales of December or March. There is nothing new in the situation. The weather at home has been perfect for gathering the crop and while some rain has fallen abroad it probably could only hurt the quality. There is quite a little seed being taken by eastern dealers, some for later shipment. The action of the farmer and the outturn of crops abroad will be the important factor.—J. F. Zahm & Co.

Exports of seeds from the United States during the 7 months prior to Aug. 1 included 2,088,000 lbs. clover seed, 14,904,500 lbs. of timothy seed, other grass seeds valued at \$138,517, and 900,379 bus. of flaxseed, against 1,521,500 lbs. of clover seed, 12,407,500 lbs. of timothy seed, other grass seeds valued at \$139,240, and 1,680,600 bus. of flaxseed during the corresponding period of 1906-7. Imports of clover seed during the 7 months have been 10,989,700 lbs., against 17,901,200 lbs. during the 7 months prior to Aug. 1, 1907, as reported by O. P. Austin, chief of the Bureau of Statistics.

The results of the seed investigation by the Iowa State College during 1907 have been tabulated in Bulletin 99 by L. H. Pammel and Charlotte M. King, reporting all the impurities found in 134 samples of red clover, 41 samples of medium red clover, 14 samples of mammoth red clover, 5 samples of white clover, 40 samples of alsike clover, 44 samples of alfalfa seed, the same number of samples of timothy seed, 24 samples of flaxseed and 7 samples of blue grass. The seeds sent in by seedsmen averaged better in germination than those sent in by growers. Concluding, Professor Pammel says the vast majority of forage seeds come pretty close to the requirements laid down by law. It was found that the weed seeds present were in many respects very different from those occurring in

the seeds sown in the previous season. Particularly common during 1907 were the knot grass, bracted plantain, and rib grass.

Hamburg, Germany, Sept. 16.—The outlook for red clover was not very good up to about four weeks ago in Austria and Hungary, owing to hot weather, but sufficient rain has fallen since to improve conditions, so that in both countries an average crop may yet be looked for. Italy expects a crop which will be somewhat below average, and of moderate qualities; while conditions in Russia seem to have improved of late. In Germany the stand of the second growth promises a good harvest. The outlook in England is also promising, but they are now badly needing dry weather. Especially in France plenty of seed is anticipated from the second cutting, and a record crop may be looked for. Everything depends now on the weather; we must not have any further rain in Europe, otherwise crops might more or less be damaged. Tho the total stock in Europe, with the exception of Chilean Red, amounts to scarcely 50 tons of mostly very poor quality old seed, there is no large demand for red clover seed at all at the present time, because crop prospects are excellent the world over. Still it may be possible that we shall import dodderfree red from your side. Prospects for alfalfa have deteriorated in Europe. Even with favorable

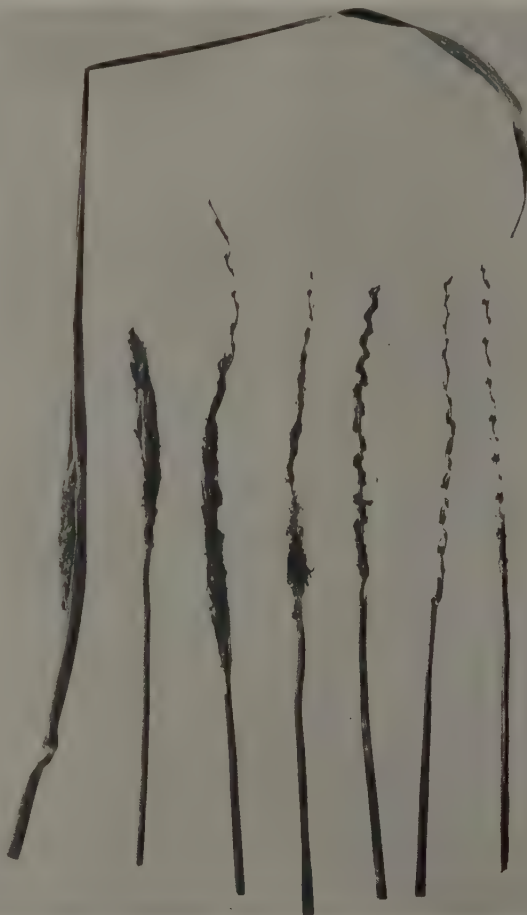


Fig. 3. Naked Smut on Heads of Winter Barley.



Fig. 2. Covered Smut on Heads of Winter Barley.



Fig. 1. Smutted Heads and Two Normal Heads of Winter Barley.

weather not more than a small crop is anticipated, it being reported that heads are not filling well. Stocks of European seed are very small, Turkestan stocks were larger, but owing to reduced prices are now nearly exhausted. We are looking for a large consumptive demand, and if America should be able to offer any dodderfree seed, we may import from your side.—R. Liefmann Sons Successors.

Treatment of Seed Barley for Smut

Barley is affected by two species of smuts: the covered smut and the naked smut. The differences in the external appearances are shown in Figs. 2 and 3, herewith, for which we are indebted to the Nebraska Experiment Station.

Covered smut, Fig. 2, destroys the entire head, and the smut masses which take the place of the kernels are covered at first with the more or less transparent basal parts of the glumes.

Naked smut, Fig. 3, likewise destroys the entire head, but the appearance of the head is entirely different. When the head is just emerging from the leaf sheath the smut masses are covered with a thin membrane, which soon becomes ruptured and the spore masses are rapidly dissipated. The stems which produce smutted heads are frequently 3 to 6 inches taller than normal ones, and consequently are easily discernible.

Two normal heads of barley are shown for comparison with a bundle of smutted heads in Fig. 1.

In smutted plants all heads produced from a single stool may or may not be smutted, but those heads free from smut are frequently reduced in size. Smut has badly infected the winter barley grown during the last three years at the Nebraska Experiment Station. Tho the yields were high the percentage of smut was 10 in 1905 and 15 in 1906.

Experiments were made by F. D. Heald with hot water, formalin, corrosive sublimate, copper sulphate and hot water baths.

Results proved formalin, hot water and copper sulphate to be about equally effective. Covered smut is more easily prevented than naked smut.

The formalin bath is made up of 1 pint formalin to 20 or 25 gallons of water. The seed, in a coarse sack, is submerged in the solution for 10 minutes, removed, drained, emptied in a heap, covered with wet sacks for two hours, and then spread out to dry.

The copper sulphate bath is made up of one pound of the blue vitriol crystals to 24 gallons of water. After having been immersed in this solution for 12 hours the seed is placed in lime water (1 lb. to 10 gals.) for five minutes, and spread out to dry.

In the hot water treatment the seed is first soaked 4 hours in cold water and set away in the wet sack 4 hours more. It is then warmed by submerging in water at 110 to 120 degrees Fahr. for a few minutes, after which it is immersed in hot water, 126 to 130 degrees, for five minutes and then spread out to dry.

A stronger solution of formalin reduces the percentage of germination; while hot water gives perfect germination; but formalin 1 to 25 gives more bushels to the acre.

The yield of winter barley from seed that had had no treatment was about 58 bus. per acre. Treatment raised the outturn to 70.8 bus. in the case of copper sulphate, to 72.8 when hot water was used, and to 73.8 when formaldehyde was employed.—Annual report of Nebraska Experiment Station.

Grain Trade News

ARKANSAS.

McCreanor, Ark.—A shed containing 4,000 bales of hay, belonging to J. H. Sims of Carlisle, located on the Rock Island R. R., near this station, was burned to the ground on the morning of Oct. 1. Loss, \$5,000.

CALIFORNIA.

Redding, Cal.—The Redding Feed Co.'s warehouse burned Sept. 23 with considerable grain. Loss, \$24,000; insurance \$15,000.

CANADA.

Islay, Alta.—The Islay Eltr. Co. has engaged in the grain business.

Rosebank, Man.—The 30,000-bu. eltr. of the Farmers Eltr. Co. was recently burned.

Dundurn, Sask.—The Schwager-Schwanbeck Grain Co., Ltd., has been incorporated.

Foam Lake, Sask.—The Northern Eltr. Co. is moving its eltr. from Sidney, Man., to this place.

Gretna, Man.—The Farmers Union Eltr. Co., Ltd., has made an assignment to C. H. Newton, Winnipeg.

Port Arthur, Ont.—The capital stock of the Port Arthur Eltr. Co. has been increased from \$100,000 to \$500,000.

East Toronto, Can.—Hanna & Co.'s warehouse burned Sept. 24. Loss on building, \$1,000; on grain and hay, \$2,500.

Medora, Man.—Young Bros.' eltr. collapsed Sept. 22, and 25,000 bu. of wheat was scattered on the ground. The wheat will nearly all be saved due to the C. P. R. sending a train of cars. The eltr. was a wreck.

Lethbridge, Alta.—The Sunny Belt Grain & Eltr. Co. has bot the eltrs. of A. L. Foster & Co., at Cardston, Raley and Coaldale. The members of the company are Minneapolis and Winnipeg capitalists, and will erect a number of eltrs.

Duck Lake, Sask.—The Farmers Milling Co. is erecting a flour mill and eltr. The mill will be completed by Nov. 15. The eltr. will have a capacity of 42,000 bus. and will be ready in a few days. Hillyard Mitchell is pres. of the company.

South Qu' Appelle, Sask.—The two grain eltrs., built by the municipality some years ago and operated by the council, have proved a financial burden and recently were rented for the season, the one at this place to A. T. Whiting and the other at McLean to James Smith.

Winnipeg, Man.—The Chamber of Commerce Co. has been organized by Nicholas Bawlf and his sons, as a grain exchange for dealers who can not do business on the Winnipeg Grain Exchange. The capital stock is \$50,000. Mr. Bawlf is pres. of the Northern Eltr. Co.

Port Colborne, Ont.—The Lake Erie Grain, Milling & Eltr. Co. incorporated under the laws of Oklahoma; capital stock, \$500,000; to erect a large mill and eltr. Directors, G. M. Kellogg, Buffalo;

S. T. Patterson, Guthrie, Okla.; S. T. McCall and A. C. Mitchell, Port Colborne.

Madoc, Ont.—J. Whytock & Sons mill was gutted by fire Sept. 28. The eltr. and engine room was saved. Loss, \$5,000; partly insured.

Winnipeg, Man.—J. D. O'Brien and William Martin have organized a grain and stock brokerage firm, and will do business under the name of O'Brien & Martin. They are well known to the trade in Minneapolis and Canada. Their correspondents in Chicago are Finley, Barrell & Co.

Winnipeg, Man.—The oats grading rules under the amended grain act provide as follows: Extra No. 1 Canadian western oats shall be white, sound, clean and free from other grain, and shall contain 95 per cent of white oats, and shall weigh not less than 42 lbs. per bu. No. 1 Canadian western oats shall be white, sound, clean and free from other grain, shall contain 95 per cent of white oats, and shall weigh not less than 36 lbs. per bu. No. 2 Canadian western oats shall be sound, reasonably clean and reasonably free from other grain, shall contain 90 per cent of white oats, and shall weigh not less than 34 lbs. per bu. No. 3 Canadian western oats shall be sound, but not clean enough or sufficiently free from other grain to be graded as No. 2, and shall weigh not less than 34 lbs. per bu.

CHICAGO.

Memberships in the Board of Trade are selling at \$2,650.

Munson Burdick and C. G. F. Hall have gone with W. H. Lake & Co.

Frank J. Magin, formerly with John Dickinson & Co. has joined Brosseau & Co.

The capital stock of the Consumers Hay & Grain Co. has been increased from \$10,000 to \$20,000.

The Corn Products Refining Co. has negotiated a loan of \$1,000,000 to be used in building the plant at Summit.

L. J. Ennis has identified himself with E. W. Wagner. For 18 years Mr. Ennis was with Counselman & Day and their successors.

Thomas Faye, long with Thos. Bennett & Co., has engaged in the grain business on his own account under the name Thomas Faye & Co.

The first car of new corn was received in Chicago Oct. 8, from Oklahoma, by the Armour Grain Co., and sold to Sam Finney at 76 cents. The grade was No. 3 yellow.

Chas. A. Weare, formerly a member of the Board of Trade, filed petition in bankruptcy Oct. 3. Liabilities over \$1,000,000, assets, \$500. It is many years since the firm of P. B. Weare & Co. or the Weare Commission Co. was active in business.

It is felt by receivers here that it is time the discrimination against Chicago in grain rates was removed. It has existed for years. From Des Moines for example the rate to St. Louis is 8 cents and to Chicago 12½ cents on coarse grain. The distance to St. Louis is 340

miles, short line; to Chicago, 358 miles. or 4½ cents higher to Chicago for eighteen miles' additional haul.

Harry L. Bush, 65 years of age, was fatally injured on the night of Sept. 25 by being struck by a Cottage Grove car at 57th street. He died an hour after the accident at the Washington Park hospital. Mr. Bush was a commission merchant, with offices in the Board of Trade.

A farewell dinner was given recently to Colonel W. H. Bixby, government engineer in charge of Chicago harbor work, who will assume the duties of pres. of the Mississippi River Commission. At the dinner Geo. E. Marcy, pres. of the Armour Grain Co. condemned the city authorities for lack of interest in river improvement.

The special committee which investigated the error made in the transmission of the government crop report of Sept. 8 has recommended that the Board of Trade take the report from two telegraph companies. The error must have been made at Washington, since the New York Produce Exchange received the same erroneous figures.

At the close of the deal in September corn the leaders are said to have had about 2,000,000 bus. of cash corn on their hands to dispose of, while the pit end of the transactions seems to have been profitable, prices ruling high on the last day of the month, tho one of the holders sold out without exacting the last pound of flesh from the shorts.

The effective date of the new switching rules of the Illinois Railroad & Warehouse Commission has been postponed from Oct. 1 to Nov. 1 at the request of the railroads. The large roads object and the smaller lines approve the rules. as the former are required to perform switching service for the latter at less than the regular distance tariff.

At the annual meeting of the Board of Trade Mutual Benefit Ass'n, Sept. 25, the following were re-elected members of the executive committee: G. W. Stone, C. L. Dougherty, J. W. Fernald, Frank Marshall and R. S. Lyon. During the past year 16 members were admitted, 8 died and 5 memberships lapsed, and the ass'n now has a membership of 696. For death losses there was paid out during the year \$21,833.

Application for membership to the Board of Trade has been made by Clarence A. Brown and Frederick B. Earle. Application for transfer of membership by W. B. Forsythe, Thomas A. McIntyre, A. C. McKay, C. Marion Proctor and Harry B. Cook. The directors recently admitted the following to membership: Walter J. Nichols, Frank J. Delaney, William Martin, Harry F. Todd, Alan H. Hibbard, Irving D. Uppike, Carroll Shaffer, John A. Cavers, William J. Loderback, Joseph A. Rushton, Frank F. Cornelius and Munson Burdick.

The pres. of the Chicago Board has appointed the following members of the Ass'n as delegates to represent the Board of Trade of the City of Chicago at the 12th annual convention of the Grain Dealers National Ass'n, to be held at St. Louis, Oct. 15, 16 and 17, next: Frank M. Bunch, P. H. Schiffin, J. C. F. Merrill, H. H. Newell, Adolph Gerstenberg. Mr. Fred D. Austin, one of the membership committee of the Grain Dealers National Ass'n, and Mr. Arthur Sawers, a director of the Grain Dealers National Ass'n, will also go to St. Louis with the Chicago delegation. Pres. Sager will also attend, having been invited to talk to the mem-

bers of the Ass'n on the subject of Trading in Grain for Future Delivery—a Necessity to the Grain Trade.

The practice of permitting the employee of the receiver's agent to take his sample from the sample already drawn by the Illinois state sampler does not give a check upon the work of the two departments, since the samples must necessarily be identical. When the receiver's agent is compelled to take an independent sample of the carload his work may have some value. As to the roads on which Chief Inspector Cowen's new system of grain grading has been inaugurated it is understood that independent work is being enforced, the state samplers not being permitted to share their sample with the receiver's agent.

COLORADO.

Denver, Colo.—The Twin Falls Mfg. & Eltr. Co., incorporated; capital stock, \$50,000; incorporators, J. R. Mullen, H. E. Johnston, E. M. Ryan, of Denver, A. H. Vogeler, of Salt Lake, Utah, and Geo. B. Haevestic of Twin Falls, Ida.

IDAHO.

Picabo, Ida.—The Kilpatrick Bros. Co. will erect a grain eltr. next year, in addition to their granary that holds five carloads of grain.

ILLINOIS.

Carlock, Ill.—William Ernst has installed a new scale at his eltr.

Kinderhook, Ill.—Bradshaw Bros. have no eltr. here and are scoop shoveling.

Medora, Ill.—F. S. Shultz will erect a large warehouse in connection with his eltr.

Elizabeth, Ill.—The eltr. here is closed; and J. H. Mark has removed to Kansas City.

Peoria, Ill.—Ware & Leland have taken the offices formerly occupied by Cassidy & Gray.

Decorra, Ill.—W. H. Perrine & Co. of Chicago, will erect an eltr. Zerah Kern will be buyer.

Washington, Ill.—Henry Lesch has purchased a Hall Non-mixing Signaling Grain Distributor.

Dwight, Ill.—Harrison Bros. are making extensive repairs on their eltrs. at Dwight and Chenoa.

Girard, Ill.—We have succeeded J. N. Hairgrove & Co., of Virden at this place. —Harshbarger & Moore.

Keyesport, Ill.—C. B. Munday & Co. will erect coal sheds and flour house in connection with their eltr.

Washington, Ill.—The Andrews & Roehm Co. is building an eltr. at its mill. Mr. Loes has the contract.

Utica, Ill.—The Illinois Valley Grain Co. is building a grain office 16x22, which will be heated with a furnace.

Minonk, Ill.—J. A. Simpson suffered a bereavement Oct. 1 by the death of his mother at the age of 95 years.

Paxton, Ill.—Paxton Grain Co. incorporated; capital stock, \$15,000; incorporators: M. L. McQuiston, M. S. Filson, E. D. Risser.

Tallula, Ill.—The Tallula Farmers Eltr. Co., incorporated; capital stock, \$10,000; incorporators: S. O. Savage, Cicero Beck, J. C. Boeker.

Cisco, Ill.—The Cisco Grain Co. incorporated; capital stock, \$10,000; incor-

porators, Edward Ater, Chas. T. Parr, Wm. E. McCartney. The company will deal in grain, coal, seeds, lumber and implements.

Rowe, Ill.—Rierson & Jacobson have built a new grain office, rebuilt their dump and made other improvements, preparatory to fall trade.

Shelbyville, Ill.—F. P. Moore & Co., shippers of hay and grain at Lakewood and Cowden, have removed their headquarters to Shelbyville.

Ashland, Ill.—E. Beggs, of Ashland, with Chas. Lewis and Chas. Fisher have bot the 2,000-acre farm of the Phoebe Strawn estate for \$300,000.

St. Joseph, Ill.—The Farmers Eltr. Co. is lowering its driveway so as to bring it down to the level with the street. This will make a great improvement.

Maroa, Ill.—El James is erecting an eltr. of 10,000 bus. capacity. One dump is being constructed, and an electric motor will be used in elevating the grain.

Bolivia, Ill.—The Farmers Grain Co. is repairing and painting its eltr. M. M. Spengler, secy., treas. and mgr. will hold the same offices for the coming year.

Shinn Sta., Hull p. o., Ill.—I am building an eltr. at Shinn on the C., B. & Q. Ry. and it will be completed some time this month.—D. Jones, Kinderhook, Ill.

Arrowsmith, Ill.—J. C. Lane & Son have bot the eltr. and grain business of C. B. Johnston & Co. This deal also includes the coal yards and residence of Mr. Johnston.

Pontiac, Ill.—The Rooks Creek Farmers Grain Co. has let the contract to ironclad their eltr. The company is also doing some necessary repairing and adding some improvements.—Jas. McMahon.

Stillman Valley, Ill.—I have closed a deal for the eltr. of J. J. White, who had an advertisement in the Grain Dealers Journal some time ago. The plant was turned over to me Oct. 5.—F. H. Griggs.

Springfield, Ill.—Nicholas Roberts, mgr. of the corn show ass'n, is negotiating for special features for the show to be held the last week of November, among them a band of 25 Navahoe Indians from Arizona.

Galton, Ill.—Ross M. Woolford has rented the eltr. of his father, J. P. Woolford, and is installing a new weigher. Mr. and Mrs. J. P. Woolford will spend the next year in Colorado, for the benefit of Mrs. Woolford's health.

Ottawa, Ill.—The Wallace Grain & Supply Co. is erecting a new upright in addition to its eltr. at Terra Cotta, West Ottawa, with capacity of 4,000 bus., which will be equipped with all new machinery and a 20-h. p. gasoline engine.

Ridgeville, Ill.—We will erect an eltr. with a capacity of 25,000 bus. one leg, two dumps, Hall Distributor and 8-h. p. gasoline engine. The Burrell Engineering & Construction Co. has the contract, and we expect to have the eltr. ready to receive grain by Nov. 2.—Maddin Bros.

Beardstown, Ill.—Schultz, Baujan & Co. have bot the local eltr. of the Beardstown Grain & Lumber Co.; also the one at Arenzville, while the company's eltr. at Hagener has been disposed of to the Arenzville-Hagener Farmers Grain Co., and the Calhoun Breeding Co. has bot the one at Concord.

Joliet, Ill.—On Sept. 28 the court accepted \$25,000 from Robert Fitzgerald and R. Allen, of Lockport, Ill., for the milling property owned by Norton & Co.

The property includes all the wheat, rye and oat mills and all the flour brands, eltrs. and store located in Lockport and the eltr. at Romeo, Ill.

New Holland, Ill.—The Farmers Grain & Coal Co. has awarded the contract to S. Campbell for the erection of its new eltr., which will have a capacity of 30,000 bus. It will be built on the same site as the one destroyed by fire last Nov. W. J. Chamblin, formerly of Mason City, will be mgr.

Monmouth, Ill.—On a verbal contract for the delivery of 7,000 bus. of corn at 49c a jury recently gave Pratt & Pratt judgment against L. A. Catlin for \$490 damages on account of failure to deliver the grain after the market had advanced to 56 cents. The agt. for Pratt & Pratt at Roseville made the entries in his notebook when he arrived at the understanding with the farmer. Catlin alleged that he had not definitely announced that he would sell.

INDIANA.

Brookston, Ind.—Bell & Hanson has been succeeded by Bell & House.

Logansport, Ind.—We have dissolved partnership and gone out of the grain business.—McCormick & Richardson.

Bluffton, Ind.—Studebaker & Son have added No. 2 Boss Car Loader to their Plant. H. C. Teeter installed the machine.

Laketon, Ind.—Mort Bros. & Co. have sold their eltr. to Kinsey Bros. of North Manchester. Possession will be given Oct. 15.

Liberty Center, Ind.—A 6,000 to 7,000-bu. ear corn crib with chain drag and from crib direct to sheller has been added to Studebaker & Son's eltr. by H. C. Teeter.

Evansville, Ind.—North Storms was married Oct. 7 to Miss Jessie Tinsley at Pullman, Ill. After an extended wedding tour the couple will reside near Carmi, Ill.

Worthington, Ind.—J. D. Myers, the veteran grain dealer, recently bot two of the largest loads of wheat ever delivered to the eltrs. here. One load was an even 100 bus., the other 106 bus. and 40 lbs.

Boys of Indiana under 21 who exhibit corn at the National Corn Exposition, Omaha, Neb., will be given premiums of \$15 and \$10 for best 10 ears, by the Farmers Guide.—G. I. Christie, Sec'y, Lafayette, Ind.

Van Buren, Ind.—J. Studebaker & Son have installed a 30-h. p. electric motor, 24-in. Foos Attrition mill, corn crusher, and device for unloading small grain and millfeed from car direct to bin. H. C. Teeter did the work.

Aylesworth, Ind.—C. E. Marquess has bot an interest in the grain business of Jones Bros. and took possession of same Sept. 22. I have moved to Stone Bluff, and will continue in the business there.—W. M. Rusk, former mgr.

Salem, Ind.—The Salem Milling Co.'s grain eltr. burned early on the morning of Sept. 25. Loss on building, \$5,000; on grain \$18,000; insured. Inadequate water supply permitted the fire to spread from a burning building to the eltr.

Indianapolis, Ind.—J. G. Hermann & Co., of Indianapolis, are scoop shoveling at Lee and McCoysburg on the Monon, and Della and Pleasant Grove on C. & W. V. They have a representative riding through the country buying hay and con-

tracting corn and oats direct from farmers. They should not be countenanced by any legitimate track buyers.

South Whitley, Ind.—The grain eltr. owned by Franklin H. Foust, of Columbia City, was burned on the afternoon of Sept. 26. It was used as a hay warehouse. The blaze is supposed to have originated from a spark from a locomotive engine.

Aylesworth, Ind.—Jones Bros. have sold their eltr. at Aylesworth to the Aylesworth Eltr. Co., incorporated; with main office at Stone Bluff, Ind. Jones Bros. have retained an interest in the business and will be active in the management.—Hiram Jones.

Indianapolis, Ind.—The Macdonald Engineering Co. has begun work on a contract to erect about 140,000 bus. of concrete storage for the American Hominy Co. adjacent to its plant A. There will be 9 large tanks, having 4 interstices, 8 side pockets and 4 corner pockets.

Messick, Ind.—J. A. Mouch, of Mooreland, will erect an eltr. to replace the one burned Sept. 12. It will have a capacity of 8,000 to 9,000 bus., two dumps, pitless Western Sheller, No. 6 Monitor Combined Cleaner, five ton wagon scale, 500-bu. hopper scale and man lift. H. C. Teeter has the contract.

IOWA.

Crooks, Ia.—The Farmers Eltr. Co. has completed its eltr.

Palmer, Ia.—Bowen & Regur have installed a new set of scales.

Newell, Ia.—The Eagle Grove Farmers Eltr. is nearing completion.

DeWitt, Ia.—The Northwestern Eltr. has been leased by J. J. Fiala.

Coburg, Ia.—We are going to build an eltr. this fall.—McGreer Bros.

Mitchellville, Ia.—J. W. Barrett has succeeded Dennison & Partridge.

Dyersville, Ia.—The eltr. of the Ober-Kingsbury Grain Co. has been closed.

Battle Creek, Ia.—W. B. Spotts, of Spotts Bros. grain dealers died recently.

Lavinia, Ia.—Jerry Wolff is now mgr. of the Neola Eltr. Co.'s eltr. and lumber yard.

Roelyn, Ia.—Clyde Gustlin will assume the management of the Farmers Eltr. Co.'s eltr.

Council Bluffs, Ia.—John Cavers, of Omaha, will build a 100,000-bu. grain eltr. at this place.

Owasa, Ia.—An eltr. for the Farmers Eltr. Co. is being built by the Younglove Construction Co.

McCallsburg, Ia.—We have bot Cook Bros. Grain Co.'s eltr. and cribs.—P. C. Hansen & Sons.

Pella, Ia.—S. C. Vanderzyl is erecting a \$4,000 eltr. The Younglove Construction Co. has the contract.

Randalia, Ia.—Walter Whiteford has bot the eltr. of Gilchrist & Co.—Jos. H. Kaupel, agt. Gilchrist & Co.

Dixon, Ia.—The firm of J. W. Heuer, now reads Heuer & Fredericks and they will deal in implements and grain.

Boone, Ia.—C. T. Larson and workmen while making some repairs on the Lockwood Eltr. found notes and papers to the amount of \$6,000. The notes varied from \$10 to \$2,000, and were made payable to

Horace Henderson, of Osceola, Neb. Mr. Henderson is now in Michigan in the interest of an insurance company.

Pocahontas, Ia.—C. F. Lathrop has resigned as mgr. of the Farmers Grain & Coal Co. and W. F. Pattee has succeeded him.

Granville, Ia.—The new concrete eltr. being built here by Cannon, Haas & Metcalf will soon be ready for business. The capacity is 120,000 bus.

Marengo, Ia.—R. T. Conn has resigned from his position with the International Harvester Co. to manage the eltr. owned by the D. Rothschild Grain Co.

Clutier, Ia.—I am going to remodel the engine room and office to my grain eltr., which I recently purchased of the Northern Grain Co.—Albert Simonsen.

Little Rock, Ia.—The Tiedeman Eltr. Co. of Sioux City has completed a storage annex to its eltr. The work was done by the Younglove Construction Co.

New London, Ia.—I will manage the New London Farmers Eltr. Co. eltr. and much pleased with my location.—D. G. Gimer, mgr. New London Farmers Eltr. Co.

Davenport, Ia.—David Rothschild will remove to Chicago and Abraham Rothschild will remove to Minneapolis to look after the expanding business of the D. Rothschild Grain Co.

Sioux City, Ia.—Lamson Bros. & Co., members of the Chicago Board of Trade, have opened a brokerage office at this city. They are the first firm to move into the new Grain Exchange bldg.

Sioux City, Ia.—A new grain firm to be known as the Central Grain Co. has been organized by M. L. R. Tankersley, who will open offices here, at once. Mr. Tankersley was formerly mgr. for the McCaull, Dinsmore Grain Co.

New Hartford, Ia.—The New Hartford Grain Co., with a capacity of 20,000 bus. for corn and oats, is planning for an additional capacity of 10,000 to 15,000 bus., to be built on the I. C. R. R. and to be operated with gasoline power. The officers of the company are W. F. Tostlebe, pres., C. V. Jamerson, vice pres., and treas., and W. C. Cunningham, sec'y.—W. F. Tostlebe, pres. New Hartford Grain Co.

KANSAS.

Lewis, Kan.—James H. Wolfe has bot out Smith Bros.

Burdick, Kan.—E. Holt has engaged in the grain business.

Norton, Kan.—Wright & Johnston have engaged in the grain business.

McCracken, Kan.—The Elmore Lbr. Co. is successors to the Pacific Eltr. Co.

Fowler, Kan.—The Fowler Eltr. Co. has purchased the business of Fowler & Newton.

Little River, Kan.—The Hinds-Lint Grain Co. is successor to the Parker Grain Co.

Atchison, Kan.—The S. R. Washer Grain Co. has installed an Hoepner Automatic Scale.

Lost Springs, Kan.—The Lost Springs Mill & Eltr. Co. is successor to E. P. Mowrer & Co.

Savonburg, Kan.—W. H. Roberts has bot the office, dump and cribs of the Chanute Grain Co. at auction, the title to the other property being in dispute.

Mr. Roberts has been engaged in farming and stockraising, but will move his family to town and engage in the grain business.

Edna, Kan.—F. P. Dicus has leased his eltr. to the Rea Patterson Grain Co. of Coffeyville, Kan.

Morgansville, Kan.—The Silver Grain Co. has installed a new six-h. p. gasoline engine in its eltr.

Altoona, Kan.—Wilmoth, Lloyd & Snyder are building an addition to their eltr. to be used exclusively for flour and feed.

Cullison, Kan.—The Millers Grain Co. of Hutchison, Kan., will install a Witte Gas Engine 10 h. p. in the new eltr. being erected.

Wichita, Kan.—The grain men of the city aided in the celebration of jubilee week by building a grain arch across one of the avenues.

Douglass, Kan.—Neil Wilkie is out of the grain business at this point; was formerly operating the Douglass Eltr. for J. T. Dale, of Udall, Kan.

Lindsborg, Kan.—The Lindsborg Mill & Eltr. Co. has purchased the Midland Eltr. Co. at McPherson and Hilton. The company will establish a line of eltrs. and will erect a mill at this station.

Burton, Kan.—A. H. Hill and A. G. Collins of Wichita, will erect a 10-ton alfalfa mill on the Frisco tracks; to be completed in three or four weeks. Mr. Collins lost an eltr. and alfalfa mill by fire last spring.

Damar, Kan.—The Damar Eltr. Co. incorporated; capital stock, \$8,000. The company has purchased W. D. Hays' eltr. Grant Stewart, pres., J. Couture, vice pres., E. Saindon, sec., R. L. Ordway, treas., Willis Brown, mgr.

Douglass, Kan.—The eltr. recently purchased by E. O. Raymond & Son has been repainted and a new engine room built, machinery overhauled, and things repaired generally. They have also added a coal business, purchased from Algier & Thomas.

Fort Scott, Kan.—We have renewed our charter and increased our capital stock but will make no changes or improvements soon. W. H. Stout is pres., R. J. Harris, vice pres., Z. E. Bloomburg, treas., and H. L. Stout, sec'y.—Fort Scott Grain & Implement Co.

Eric, Kan.—The First National Bank of Chanute purchased the eltrs. belonging to the Chanute Grain Co. Sept. 24 at auction. The bank was the chief creditor, and has had charge of the business for several weeks. R. A. Braik has purchased the business at Kimball.

Elwood, Kan.—The Vanderslice-Lynds Grain Co. has bot a half interest in the Elwood Grain Co.; W. H. Ferguson, of Lincoln, Neb., holding the other half interest. The site comprises about 12 acres and the plant is estimated to be worth \$150,000. W. H. Harroun has no further connection with the property.

Hutchinson, Kan.—O'Neil, Kaufman & Pettit of Greensburg, have incorporated under the name of The O'Neil, Kaufman & Pettit Grain Co., with headquarters at this point. The big eltr. of the Rock Mill Eltr. Co. has been sold to O'Neil, Kaufman & Pettit. The firm has five eltrs. in different towns along the Rock Island. Mr. Pettit will have charge of the eltr., which hitherto has been leased to the Liberal Eltr. Co. The capital stock of

the company is \$60,000. W. O'Neil is pres., H. Kaufman, vice pres., W. H. Smith, secy., L. H. Pettit, treas. and mgr. T. D. Phelps, asst. mgr.

Cicero, Kan.—The eltr. of the Wellington Mfg. & Eltr. Co. of Wellington, burned at 2:30 p. m. Oct. 1. Loss, \$750. There was no grain on hand as the eltr. was not in operation on account of the extensive grading being done along the line of the Santa Fe. A spark from the "dinky" engine hauling dirt from the steam shovel set fire to the house.

Elsmore, Kan.—After two years of litigation W. D. Cox & Son have won their suit against the M., K. & T. R. R. to recover damages for failure to furnish cars. The suit was for \$800, and after being out for 18 hours the jury brot in a verdict for \$499. The firm tendered payment for the cars with order. Another suit for \$2,000 is pending between the same parties.

KENTUCKY.

Louisville, Ky.—C. P. Dodd & Co. will rebuild their burned warehouse and eltr.

Owensboro, Ky.—The Griffith Eltr. Co. incorporated; capital stock, \$50,000; incorporators: J. T. Griffith and James Hill, Owensboro; Henry Rothschild, Chicago, G. W. Robinson, Maceo. The eltr. is being erected.

LOUISIANA.

Crowley, La.—The American Rice Milling Co.'s plant burned on the night of Sept. 29. The mill was erected in 1899 and was completely overhauled last year. It was valued at \$50,000 and contained about \$30,000 worth of rough and clean rice, which was destroyed. Loss, \$80,000; partly insured.

NEW ORLEANS LETTER.

About 50,000 bus. of wheat exported through this port the last week in Sept. was durum wheat from Minneapolis.

Stocks in New Orleans eltrs. Oct. 3 were: Stuyvesant Docks, 303,000 bus. of wheat; Westwego, 230,000 bus. of wheat.

Inward inspection for Sept. showed: Export wheat, 781 cars; export corn, 79 cars; local corn, 78 cars; local oats, 45 cars.

J. L. Busbey, Sec'y-Treas. of the Hamiter-Busbey Mill. & Eltr. Co., at Shreveport, La., died there Sept. 28, aged 59 years.

New crop Texas corn is now coming on this market freely and has been found of good quality. Receipts of new crop Oklahoma corn are expected.

Wheat bran continues to find a fairly good sale in the city trade, but demand from the country is about as usual, when home-raised feeds are abundant.

Demand for corn products is light, buyers being unwilling at the present level of prices to purchase more than they require to meet immediate needs.

The New York & Porto Rico Steamship Company announces that, effective this month, it will establish one sailing a month between Port Arthur, Tex., and the principal Porto Rican ports, in connection with the Kansas City Southern.

The Board of Trade has received a letter from the St. Louis Merchants Exchange in a reply to a letter written by Pres. Henry B. Schreiber asking that the Exchange investigate the charges of the New Orleans Board of Trade relative to "doped" oats shipped from that market to

New Orleans dealers. The Exchange has requested the Board of Trade to send all data bearing upon the matter, and this is being collected by Sec'y Hering.

Harry Benedict, of the Benedict Commission Company, a director of the National Hay Ass'n, will leave next week to attend a meeting of the directors of that Ass'n, and then will go to St. Louis to attend the Grain Dealers National Ass'n meeting.

Grain exports from New Orleans during Sept. amounted to 845,000 bus. of wheat and 27,711 bus. of corn; compared with 752,401 bus. of wheat and 54,264 bus. of corn during September 1907, as reported by W. L. Richeson, chief grain inspector, New Orleans Board of Trade.

Hay dealers report with some gratification that shipments of low grade hay to New Orleans have been checked somewhat. Low grades are selling slowly and a considerable quantity of that now here will likely remain unsold for a long time. There is a fair demand for the better grades and prices are firm.

An attempt is being made by Crowley, La., to bring about a readjustment of rates on rice in Louisiana which will give rice dealers and millers there a more advantageous position as compared with New Orleans in marketing their product. The New Orleans dealers and exchanges here are opposing the proposed readjustment before the Railroad Commission, which is now in session.

New Orleans grain dealers say that, as a result of off-grade shipments of oats from St. Louis to New Orleans the distinction between St. Louis "doped" oats and country run oats will likely be drawn very closely in this market. St. Louis dealers desiring to do business with New Orleans houses have offered to sell oats here on sample, and the offer has been accepted. New Orleans dealers believe that this innovation, started in this market, will become general.

An interesting situation has developed at New Orleans as a result of an attempt on the part of the Frisco System to put its new Louisiana line, known as the Colorado Southern, New Orleans and Pacific, in operation. The new line, which has been leased to the Frisco, has a contract with the Yazoo and Mississippi Valley, an Illinois Central line, for the use of the latter's tracks from Baton Rouge to New Orleans. The Yazoo and Mississippi Valley refused to allow trains to be operated over its tracks, alleging that the Frisco was seeking to avoid its contractual obligations. Later the Yazoo and Mississippi Valley filed suit in the Civil District Court here asking that the Frisco be compelled to abide by its contract. The effect has been to delay the operation of the Frisco, a new line indefinitely.—H.

MARYLAND.

Baltimore, Md.—Velvet chaff grades of wheat have been adopted by the wheat committee of the Chamber of Commerce.

Baltimore, Md.—Geo. A. Hax, who was injured in a train wreck in Ohio some time ago, has returned home well recovered.

Baltimore, Md.—W. Leroy Snyder of Hammond, Snyder & Co. is convalescing from an attack of typhoid fever, but is not sufficiently strong to attend the annual meeting of the Grain Dealers National Ass'n at St. Louis as he contemplated doing. On account of the recent

Pure Owl Brand Cottonseed Meal
41 per cent Protein Guaranteed
Analysis Registered
Richest Cattle Food yet known.
Write for our booklet and prices.
F.W. Brode & Co., Memphis, Tenn.
Established 1875

IDEAL BOILER COMPOUND.

A vegetable compound of superior quality that will clean your boilers of incrustation at a minimum cost, and is perfectly harmless to boiler or connections.

IDEAL BOILER COMPOUND COMPANY,
(Not Inc.)

Nineteenth and Grove Sts. CHICAGO



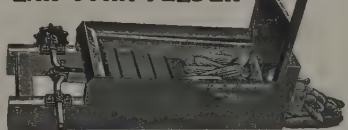
THE ATLAS CAR-MOVER

Manufactured exclusively by

The Appleton Car-Mover Co.
Appleton, Wis., U. S. A.

is decidedly the best and most powerful Car-Mover on the market, and supersedes all others wherever introduced. Try an "ATLAS." It will pay for itself in a few hours' use.

THE CHIEF EAR CORN FEEDER



PATENTED

This is one of the Biggest Ear Corn Feeders on the market when utility is considered, tho' it occupies little space and sells for a reasonable price.

If you want a feeder that will feed ear corn, wheat, oats, in fact any grain, without extra power or needless worry, write for our prices.

The National Folding Machine Co.

Sidney, Ohio

Western Representatives

P. H. PELKEY CONST. CO., Wichita, Kans.

Chicago Representatives

H. W. CALDWELL & SON COMPANY



illness of the senior member, Win. R. Hammond, the firm will not be personally represented.

Baltimore, Md.—A visit of inspection was made recently by members of the Chamber of Commerce to the new grain bins being constructed by the Central Eltr. Co.

Baltimore, Md.—A corn exhibition will be held Dec. 1, 2 and 3 by the Maryland Cereal and Forage Crop Breeders Ass'n, which held the corn show last winter. A premium list is being prepared. W. Oscar Collier is sec'y.

MICHIGAN.

Lenox, Mich.—The Richmond Eltr. Co. has ordered a Hall Signaling Grain Distributor.

Detroit, Mich.—A meeting of the Michigan Bean Jobbers Ass'n will be held at this city in January.

Remus, Mich.—The American Society of Equity has purchased the eltr. and lots of Wm. Crouse.

Detroit, Mich.—The Commercial Milling Co.'s eltr. was damaged by fire and water to the amount of \$50,000 Oct. 6.

Vermontville, Mich.—W. H. Benedict, who for nearly forty years has conducted an eltr. here has sold out to C. A. Anderson, and John Gerhart. Mr. Benedict will retire.

Greenville, Mich.—C. H. Gibson & Co.'s grain eltr. and warehouse was burned on the morning of Sept. 27. It is thought that the fire originated from a spark from a locomotive engine.

The committee of the Michigan Millers Ass'n on demurrage and car service rules has prepared a set of rules and a report which will be submitted to the Michigan Railroad Commission.

Romulus, Mich.—McLaren & Co.'s eltr. was burned on the night of Sept. 22. The building contained 4,000 bus. of grain. Loss \$5,000. The fire is supposed to have caught from a locomotive spark.

St. Joseph, Mich.—The Twin City Milling Co. is now located in its new eltr. with an increase in storage capacity from 6,000 to 16,000 bus. and the company are already considering plans for doubling its present output. The mill is now able to handle 100 bbls. of flour and 15 tons of feed daily, besides graham and cornmeal products.

MINNESOTA.

Morris, Minn.—S. Stewart has placed an electric motor in his eltr.

Duluth, Minn.—Stephen T. Welch has been seriously ill with kidney disease.

Lorne, Minn.—N. H. Dahl will engage in the grain business.

Dovray, Minn.—Freeman Young will be buyer for the Farmers Eltr. Co.

Viola, Minn.—J. F. Thompson has installed a gasoline engine in his eltr.

Starbuck, Minn.—Lars Hogy, of Cyrus, is now grain buyer for the Farmers Eltr. Co.

Airlie, Minn.—I have rented my house to the Northwestern Eltr. Co.—Walter Parks.

Cleveland, Minn.—Roscoe Davis has taken the management of the Farmers Eltr. Co.

Stillwater, Minn.—The Stillwater Equity market has opened in the eltr. and feed mill property of Fred Luchsing, and an option is pending for its purchase.

The Booster club members and farmers compose the company, with Bert L. Jenks, mgr.

Eagle Bend, Minn.—Thos. Heid & Co. are now doing business with Joe Lemen in charge.

Maynard, Minn.—The defunct Maynard Fuel, Grain & Lumber Co. reorganized; capital stock, \$1,900.

Seaforth, Minn.—Bingham Bros. contemplate rebuilding their eltr., burned Sept. 11.—Wm. T. Benz, agt.

Hutchinson, Minn.—The F. O. Frank Eltr. Co. has engaged in business.—J. R. Jensen, Agt. Imperial Eltr. Co.

Kilkenny, Minn.—The flat house owned by the Jas. Quirk Milling Co., is not doing any business.—John Murphy.

Rush City, Minn.—The Roller Mills and eltr. belonging to J. E. Ramberg burned Sept. 25. Loss, \$15,000; insured.

Holloway, Minn.—The Northwestern Eltr. Co. will put in a gasoline engine.—H. E. Trammell, mgr. Farmers Eltr. Co.

Winger, Minn.—The Woodworth and Holmstead Eltr. Cos. are not buying this season.—G. B. Hanger, agt. Northland Eltr. Co.

Conger, Minn.—The Myrtle Grain Co. has let a contract to the Younglove Construction Co. for the erection of a 20,000-bu. eltr.

Skyberg, Minn.—We will put in a new set of feed rollers, and make some other necessary repairs.—C. W. Sargent, mgr. Rex Eltr. Co.

Renova, Minn.—The La Crosse Grain Co. has succeeded W. H. Pierce Eltr. Co. in the operation of the only eltr. here.—J. C. Cross, agt.

Little Falls, Minn.—I. O. Wessel and A. Simonet have leased the Merchants Eltr.; it will be under the management of Chas. Barnhart.

Priam, Minn.—O. B. Kruger of Granite Falls is now agt. for the Northwestern Eltr. Co.—Christ Berkeland, agt. New London Milling Co.

Waseca, Minn.—The Everett, Aughenbaugh Milling Co. contemplates moving its eltrs. on the C. & N. W. line to their plant on the St. Louis line.

Rothsay, Minn.—The Geo. Tileston Milling Co. is out of business. Its eltr. burned and has not been rebuilt. A. L. Wood, mgr. Farmers Eltr. Co.

Rochester, Minn.—Rochester Grain & Realty Co. incorporated; capital stock, \$50,000; incorporators: Arthur E. Gates, Harvey L. Gates, Joseph Gates.

Winthrop, Minn.—The Exchange Grain Co.'s eltr. has been closed 3 years and the Pacific Eltr. Co.'s for 9 months.—Wm. Klowner, agt. Western Eltr. Co.

Alexandria, Minn.—G. G. S. Campbell will conduct an independent eltr. buying and re-shipping if he can get the right to move his eltr. to the Soo tracks.

Stewartville, Minn.—The G. C. Stevens Co.'s eltr. was damaged by fire recently to the extent of \$100. The fire started from the exhaust of a gasoline engine.

Slayton, Minn.—D. A. Schoeneman has closed his eltr. for an indefinite period, and is on the coast where he will remain for a month.—A. C. Schoeneman, Sioux Falls, S. D.

Stewartville, Minn.—A Farmers Eltr. Co. has been organized and the following officers have been elected: E. W. Ginter, pres., J. A. Mayou, vice pres., Tobias Hogenson, secy., A. Brin, treas., J. F. Spencer, E. G. Lenton and Geo. Peters

advisors. Plans for a new eltr. and cleaning house in connection are in progress. They expect to be ready to open Nov. 1.

Klossner, Minn.—The Great Western Eltr. Co. has discontinued business for this year, on account of being hauled out around here.—Frank Altman, Jr., agt. Eagle Roller Mill Co.

Grand Meadow, Minn.—Martin Stephenson bot the eltr. of the Pierce-Stephenson Eltr. Co. Mr. Stephenson is making some needed improvements in the plant and has installed a gasoline engine.

Kensington, Minn.—The Atlantic Eltr. Co. and the Farmers Eltr. Co. has installed dump scales in their eltrs. The Wadsworth Eltr. Co. is not in business.—P. G. Paterson, agt. Atlantic Eltr. Co.

Verdi, Minn.—The Western Eltr. Co. made about \$1,000 worth of repairs on its plant this summer, adding new pan, spouting and raising the house. E. Twede of Brookings, S. D., is now agt. for Bingham Bros. and I. P. Fox, for Fox & Jenkins.—J. E. Ruddy, agt. Western Eltr. Co.

Wells, Minn.—The Wells Flour Milling Co.'s mill B, 800 bbl. mill and Eltr. G. were burned early on the morning of Oct. 4. Loss between \$80,000 and \$100,000; insured for \$48,500. The fire department saved three other eltrs., and mill A, of 400 bbl. capacity, belonging to the company.

MINNEAPOLIS LETTER.

Employees of the Chamber of Commerce have been forbidden by the directors to act as brokers in buying or selling memberships.

The estate of the late Franklin L. Greenleaf, grain and flour merchant, is estimated to be worth \$110,553, the personal property \$100,553.

William Martin of Winnipeg, has applied for a membership in the Chamber of Commerce. Mr. Martin is of the firm of O'Brien & Martin, Winnipeg.

The Kellogg Commission Co. incorporated; Geo. C. Bagley, pres., Chas. M. Case, vice pres., and treas., F. C. Riebe, secy. The company will deal in grain and operate eltrs.

The Peavey Eltr. Co., one of the subsidiary corporations of F. H. Peavey & Co. has reduced its capital stock from \$300,000 to \$50,000, its eltrs. along the Omaha road having gradually been disposed of.

At the annual election of the Chamber of Commerce Oct. 1 the following officers were elected: H. F. Douglas, pres.; J. R. Marfield, vice pres. Directors—F. B. Wells, W. O. Timmerman, F. A. Hallet, A. C. Loring, G. F. Piper. Board of Arbitration—S. J. McCaull, Alex. McGregor. Board of Appeals—J. H. Rihedaffer, H. G. Dickey.

So overwhelming has been the rush of grain to this market that the railroads have been unable to make delivery, and 2,500 cars have accumulated on track. The congestion of loaded cars is greatest in the southeastern district and orders have been issued by the Northwestern Demurrage Bureau restricting the delivery of more cars to the Dibble, Merchants, Gould and Devereux Eltrs.

MISSOURI.

Gerald, Mo.—A. J. Gorg is building an eltr.

Louisiana, Mo.—Our wheat was stored in our warehouse that was burned, and which we will rebuild; but we will not

use it for wheat again.—The Diamond Flour Mfg. Co.

Versailles, Mo.—H. Moser will build an eltr. in the spring.

Kansas City, Mo.—The differential grain rate case will be heard by the interstate Commerce Commission Oct. 12.

St. Louis, Mo.—The Corno Mills Co. will erect an eltr. at East St. Louis, Ill. It will be a brick structure, four stories high, and cost \$19,000.

St. Louis, Mo.—The Milliken-Helm Commission Co. has recovered judgment against the C. H. Albers Commission Co. for \$12,173 alleged to be due on wheat deals made between John T. Milliken and Corwin H. Spencer.

Kansas City, Mo.—Col. John W. Moore has sold his membership in the Board of Trade to Henry Stephens, a capitalist of Lake City, Mo., for \$2,000. Mr. Moore has been a member of the Board for 34 years and retired on account of ill health.

Kansas City, Mo.—Miller Bros. have brot suit against the telegraf company to recover \$181 damages for an error in the transmission of a message from the Van Alstyne Eltr. Co., of Van Alstyne, Tex., offering 50c for corn "there," the operator making it read fifty "three."

Hamilton, Mo.—I have the only eltr. in this place, with a storage capacity of 20,000 bus., and am a regular shipper of grain. H. L. Bainter has a warehouse off from the track and also ships grain. L. D. Warren occasionally buys a car of grain, but has to load direct to the cars.—Frank Clark.

St. Louis, Mo.—The Burlington Grain Eltr. Co., incorporated; capital stock, \$60,000; incorporators: S. J. Adams, J. G. Matthews and E. J. Mudd, all bank clerks. Marshall Hall of the W. L. Green Commission Co. will be pres. of the new company and is operating the 1,400,000-bu. eltr. of the old Burlington Eltr. Co. which was sold at auction Sept. 23 to foreclose a mortgage.

Kansas City, Mo.—Owing to an error in posting the notice, there was no vote at the board of trade on the question of abolishing the 100 lbs. dockage at the Kansas City eltr. President H. J. Diefenbaugh said the directors would again take up the question of submitting the matter to the membership, and that the vote would probably be held 10 days later. A majority of two-thirds is required to change the system.—*Daily Drovers Telegram*.

St. Louis, Mo.—On the specific complaint by the New Orleans Board of Trade that a car loaded out of a private warehouse as No. 2 oats, but alleged to be inferior and full of dirt, the employes of the warehouse commission have reported that no inspection is made at private warehouses except when called upon to do so, no watchmen are kept there, nor is the seal of the state placed upon cars loaded at private warehouses, consequently they may be tampered with after inspection.

NEBRASKA.

Pickrell, Neb.—The Farmers Eltr. Co. has installed a ten-h. p. engine.

Omaha, Neb.—I have been out of the grain business for some time.—J. E. Von Dorn of J. E. Von Dorn Commission Co.

Omaha, Neb.—I was formerly connected with the Cavers Eltr. Co. but recently organized this firm with Mr. J. M. Welsh, who was in the wholesale hay

commission business. J. M. Welsh, will act as president.—Geo. W. Paddock, secy and treas, of the Welsh-Paddock Co.

Table Rock, Neb.—A. D. Gise is no longer connected with Butterfield & Co. He has gone to Wyoming.—G. C. Freeman, mgr.

Omaha, Neb.—George W. Paddock has applied for membership in the Omaha Grain Exchange. Mr. Paddock will organize a grain company.

Omaha, Neb.—The National Corn Exposition has leased a 2-story brick building nearly completed, to procure 11,616 feet additional floor space for the corn show.

Omaha, Neb.—Cavers-Fleury Co. incorporated; capital stock, \$25,000; incorporators: John A. Cavers, W. C. Fleury, Chester D. Sturtevant. Mr. Cavers still retains his eltr. at Council Bluffs.

Arlington, Neb.—The residence of J. W. Taylor, agent for the Nye Schneider-Fowler Co. at Dale was entered on the night of Sept. 18 by thieves, who stole a gold watch, and a sum of money.

Fremont, Neb.—The Goose Lake Grain & Lumber Co. incorporated, capital stock, \$100,000, to deal in live stock, lumber, all kinds of building material, coal, hay, grain and feed of all kinds, seeds, general merchandise, implements. C. B. Noyes, W. W. Noyes, W. L. Noyes, and E. R. Gurney are the incorporators.

Omaha, Neb.—Joseph Alexander O'Connor, formerly prominent in Nebraska as a grain dealer, died at his home in this city Sept. 16 at the age of seventy. Mr. O'Connor came to this city some 30 years ago. Mr. O'Connor has been in failing health for some time; two years ago he went to California, where he purchased considerable property, but soon returned to this city. He leaves a daughter and two sisters.

NEW ENGLAND.

Burlington, Vt.—The Champion Eltr. Co. contemplates building.

Hudson, Mass.—A. E. Cowee has bot the grain business of Wm. Rodenisor.

New Bedford, Mass.—About one-third of my building was burned Sept. 16, and all the hay destroyed. I lost about ten tons of grain and 40 tons of hay. The building is up now, and doing business same as ever. This grain house is the oldest one in the city, established since 1852, and I never had a fire before and don't want any more. Fully insured.—J. Frank Kirk.

Richford, Vt.—The explosion of dust in the grain eltr. of the Canadian Pacific R. R. Oct. 8, caused the death of twelve workmen and one woman. The eltr. was of 500,000 bus. capacity and the explosion which was due to spontaneous combustion, blew off the entire roof of the building, and almost instantly flames burst out all over the structure, entirely demolishing it, causing a loss of \$400,000. The house was occupied by the Quaker Oats Co.

NEW JERSEY.

Newark, N. J.—We are considering the advisability of adding a grain eltr. to our plant.—J. C. Smith & Wallace Co.

NEW YORK.

New York, N. Y.—M. B. Jones, of the firm of Jones & Morey Co. has sold out his interest to L. A. Morey and H. B.

Corn properly dried is in demand the world over.

The Ellis Grain Drier

owing to its peculiar patented feature, can dry rapidly and evenly at a temperature no greater than summer heat, leaving the grain in a natural condition, kernels not broken, free from meal and color unimpaired.

For particulars address

Ellis Drier Co.

747 Postal Telegraph Bldg.

CHICAGO

Smith. Mr. Jones leaves the company owing to ill health.

New York, N. Y.—The New York Hay Ass'n has elected John E. Murray pres. and Richard J. O'Brien sec'y.

New York, N. Y.—The Oatine Co., incorporated, capital stock, \$100,000; incorporators, Paul Altenfeld and Theodore Hansen, of New York, and Henry Rahner, of Union Hill, N. J.

Syracuse, N. Y.—Chas. E. Thompson, of Buffalo, representing a northern New York Milling Co. has purchased ground on the West Shore R. R. here and will erect a large warehouse, 400 feet long at a cost of \$35,000. The company will grind and mix feed.

Caledonia, N. Y.—The grain warehouse of H. Ross McKay was destroyed by fire at 5 o'clock on the morning of Sept. 20. A gasoline engine, 16 bean picking machines, several hundred grain bags, shafting, and bins were destroyed. Loss, \$3,500 to \$4,000; insurance, \$2,500.

New York, N. Y.—Winfield S. Bash, grain and flour broker, has filed a petition in bankruptcy. Liabilities, \$33,975; assets, \$15. Among the creditors are Charles S. Bash, of Fort Wayne, Ind., \$10,000, money loaned, of which \$3,500 is secured; Lillian R. Bash, \$2,000, secured; Mayflower Mills, Fort Wayne, \$4,099, money loaned; Frank J. Maguire and Walter Jenkins, \$8,969, balance due on wheat trading.

BUFFALO LETTER.

J. C. Rouser, who was formerly with Rosenbaum Bros. and with W. R. Mumford & Co. for 11 years, is now with Pratt & Co.

The inspection department of the Corn Exchange reports a very good run of grain grades in everything, but the amount is rather light, as it commonly is at this time of the year.

One of the reasons for the better lake showing is the movement of barley, which now comes in sometimes about on a par with wheat, and wheat has often been more than all other grains by lake.

The canal boatmen are sticking to their summer rates of 5 cents on wheat to New York and after standing still all summer ought to be getting down to business now, though the clearances do not show it yet. It was a great mistake to tie up all the boats here through the slack season when good business could have been had at paying rates. It is not likely that the boat owners will stand this sort of thing next season from the boatmen's union. Business is improving now.

Mill feed is strong again and it looks as if the rain had come too late to put much grass feed in its way. There is a good deal more flour moving than there was a month ago and yet feed has not been weakened by it. The fact that there is not much increase feed coming this way by lake, the rule being about 60,000 sacks a week, shows that the west is not going to furnish us our surplus feed, all of which will be pleasant information for the Buffalo feed men.—J. C.

NORTH DAKOTA.

Linton, N. D.—John Hagg's new eltr. will soon be completed.

Forbes, N. D.—The Marshall-McCarthy Eltr. Co. has begun business.

Newberry, N. D.—The Farmers Eltr. Co. recently bot the Hennepin Eltr.

Mercer, N. D.—H. L. Dorn will have charge of the Great Western Co.'s eltr.

He was formerly in charge of the Acme Eltr. Co.'s eltr. at Sheldon.

Bucyrus, N. D.—The Bagley Eltr. Co. of Minneapolis, Minn., will erect an eltr.

Milnor, N. D.—Henry Fricke has been appointed mgr. for the Andrews Grain Co.

Wyndmere, N. D.—The Farmers Eltr. Co. will rebuild its eltr. which was destroyed by fire.

Lehr, N. D.—The grain eltr. of the Farmers Eltr. Co. was destroyed by fire with 20,000 bus. grain.

Sterling, N. D.—The Powers Eltr. Co. has succeeded the Simonson Grain & Lumber Co. at Sterling and Driscoll.

Dickinson, N. D.—D. Y. Lytle, of Tolley has bot of J. W. & T. Lahart the grain eltrs. owned by them at this place and Beach.

Wyndmere, N. D.—C. L. Deihl has resigned as agent for the Farmers Grain Supply Co. and will be succeeded by Mr. McMillan.

Paulson Siding Sta. Noonan p. o., N. D.—A. J. Murphy, buyer for a grain eltr. at Bowbells for several years, is buying grain here this season.

Williston, N. D.—The Tooley Grain & Fuel Co. is handling coal at present, but intends to erect an eltr. and bin room to handle grain. A. D. Paulson is interested with E. E. Tooley in the business.

Max, N. D.—The Osborne-McMillan Eltr. Co.'s plant had a narrow escape from being burned down recently. A. Harchanko, the buyer, went into the building containing a gasoline tank with a lighted lantern, which caused an explosion.

Rolla, N. D.—The Heising Eltr. recently had a narrow escape from fire. A number of little boys had been smoking cigarets and some paper caught fire, which was discovered by Mr. Beaudoin of the National Eltr. who managed to put it out.

Bantry, N. D.—The Farmers Eltr. Co. has elected Lee Keller, pres. B. J. Monaghan vice pres., and E. E. Albin, Jerome Wagar and S. S. Hanks board of directors. They have employed Chas. A. Pake as agt. Mr. Pake was for several years at Denbigh, where he operated an eltr.

Emerado, N. D.—John Hempsted, secy of the Farmers Eltr. Co. took his own life in Grand Forks. He was cashier of the State Bank of Emerado, and was short in his accounts with the bank, also with the Eltr. Co. the amount has not been established, but the estimates run as high as \$13,000.

OHIO.

Clarksville, O.—McGuinn Bros. are scoop shovelers.

Carroll, O.—I have succeeded Gundy & Barlow.—J. P. Gundy.

Melvin, O.—Hiatt & Custis have succeeded James & Metzger.

Fletcher, O.—Patty & Coppock have put a slate roof on their eltr.

Ashville, O.—Teggarden & Taylor have installed five electric motors.

Gilboa, O.—The Gilboa Grain Co. incorporated; capital stock, \$25,000.

Delphos, O.—Business quiet, very little stuff moving.—Dolby & Morten.

McGuffey, O.—Dunlop Bros. of Alger are building a 15,000-bu. eltr. on the Erie.

Chillicothe, O.—We will do some enlarging by building some new bins for storing purposes, and will install an 85

h. p. gas engine, before the corn season comes on.—Scioto Grain Co.

Beaver Dam, O.—I have sold my eltr. to S. R. Vertner and L. F. Parker.—Elias Fetti.

Kirkwood, O.—The Adler-Pursinger Co. has built an addition to its eltr., 38x 42x35 ft.

Antwerp, O.—Henry Harrison & Son are out of the eltr. business.—The Farmers Eltr. Co.

Cleveland, O.—The Union Eltr. Co. has increased its capital stock from \$50,000 to \$100,000.

Atwater, O.—P. G. Woolf, of the P. G. Woolf Eltr. Co. died some time ago.—F. G. Needham.

West Jefferson, O.—M. A. Silver has installed a Monitor Combined Corn & Grain Cleaner.

St. Louis, Mo.—John J. O'Rourke has opened one of the eltrs. for a transfer and sacking business.

Washington C. H., O.—C. E. Lloyd's 25,000 bu. eltr. on the C. & M. V. R. R. is nearing completion.

Chillicothe, O.—The mill and eltr. operated by Albert Kime was totally destroyed by fire Oct. 5.

Chillicothe, O.—E. E. Huffman has built a 30,000 bus. eltr. at this important grain center on the B. & O.

Colby, O.—W. S. Jones & Son are scoop shovelers on the New York, Chicago & St. Louis tracks.

Broughton, O.—The Broughton Eltr. Co. is out of business.—Alex White, mgr. John Wickenhiser & Co.

Xenia, O.—The Miami Grain Co. is installing a B. S. Constant Corn Cleaner of the Standard Clutch Co.

Buckland, O.—Mr. Dingleline has sold out to the Buckland Mfg. Co. and is now in the scoop shovel business.

Cincinnati, O.—The Mill Creek Valley Starch Co. has made an assignment. Liabilities, \$96,000; assets, \$100,000.

Clarksville, O.—J. C. Baugh of Baugh & Austin died some time ago, and the business is continued by me.—H. R. Austin.

Cedarville, O.—Andrew Bros., who sold their eltr. to Kerr & Hastings nine years ago is attempting to do a scoop shovel business.

De Cliff, O.—I am breaking ground for a 15,000-bu. cribbed eltr. with concrete foundation.—C. O. Barnthouse. Agosta, O.

Ashland, O.—The Diamond Mill Co. is successor to Bayer & York. Palmer & Donley are successors to J. Palmer & Co.—J. C. Palmer.

Rockford, O.—The mill, eltr. and electric light plant of the Rockford Milling Co. was burned Sept. 21. Loss, \$20,000; insurance, \$5,000.

Fredericktown, O.—C. M. Hildreth who is manager for the Cockley Mfg. Co. here purchased 12,000 bus. of wheat in about ten days recently.

Kalida, O.—Raabe Bros. have sold their eltr. to the Farmers Grain Co., which is comprised of M. C. J. Smith, M. Osterhage and Schenebush.

Toledo, O.—The first new corn of the 1908 crop was received at Toledo Oct. 3 from northwestern Ohio. Wet and soft. It graded sample yellow.

Sabina, O.—W. D. Rapp & Son have completed a 10,000-bu. eltr. on the Pa. R. R. He has equipped it with a 25 h. p. gasoline engine, a Monitor Cleaner and

other machinery suitable for quickly handling the products of his farmer friends.

Marion, O.—The Marion Milling & Grain Co. has sold its milling plant and is no longer engaged in the milling business.—C. B. Jenkins, mgr.

Cincinnati, O.—The committee revising the rules of the weighing bureau of the Chamber of Commerce was recently granted a week's more time.

Greenspring, O.—H. S. L. Hinkley is attempting to scoop grain here. He represents himself as the Produce Supply Ass'n, but has no facilities.

Chickasaw, O.—The Chickasaw Milling Co. lost its eltr. and mill by fire. Loss, \$40,000; insurance, \$25,000. The plant will be rebuilt.—J. M. Dewese.

Bremen, O.—Turner Bros. Co. will be changed to Turner Bros. & Co. Nov. 1, A. F. Turner succeeded by C. W. Seifert, A. F. Turner retiring.—Turner Bros.

Youngstown, O.—Albert H. Buehrle will erect a storehouse and grain eltr. on the B. & O. R. R. to have 30,000 bus. capacity. Miller & Ford are the architects.

Urbana, O.—W. A. Nutt who has been in the grain business here for a number of years and who taught J. E. Wells of Quincy the trade is very low with Brights disease.

Columbus, O.—A Thanksgiving corn dinner will be given at Townsend Hall, Ohio State University, Wednesday evening, Nov. 25, by the Ohio Corn Improvement Ass'n.

Columbus, O.—The Meyers-Nelson Co. of New York City, incorporated; capital stock, \$5,000; incorporators, Mermann Meyers, John G. Nelson, Chas. P. Howland, L. J. Savage, L. E. Ferreira, all of New York.

Findlay, O.—The Ohio Hay & Grain Co. had a valuable horse and carriage stolen Sept. 26. F. C. Linger, mgr., purchased the horse a few days ago for \$400; the carriage was a light runabout and worth \$100.

St. Paris, O.—Look out for hot corn during the next three weeks. I find in traveling from eltr. to eltr. that the dealers are going to buy this corn too early and they are bound to have trouble.—John Duncan.

Bucyrus, O.—I am not in the grain business at Bucyrus nor any place else for myself. I am mgr. of the Morral Lumber & Eltr. Co. with eltrs. and lumber business at Morral and lumber business at Bucyrus.—S. S. White.

Caledonia, O.—The Caledonia Grn. & Milling Co. has succeeded E. H. Day, J. A. Resley and G. W. Thuro and are operating the two eltrs. At present the mill is idle. The new company will also operate the Day eltr. at Foos Crossing.

Curtice, O.—I have rebuilt my eltr. and furnished it with the latest machinery including Western Sheller and roller screens, Monitor Wheat Cleaner No. 6, Hopper Scale of 600 bus. capacity with recording beam, wagon scale 100 bus., hopper, with grain beam.—H. G. Dehring.

Cincinnati, O.—The hay warehousemen have lost their suit to enjoin the roads from discontinuing the \$1.50 per car of hay handled thru their houses, which has existed for 15 years. Judge Thompson held that the allowance would have

to be made to all shippers; and that 30 days having elapsed since the rule went into effect the shippers must take their complaint to the Interstate Commerce Commission.

McGuffey, O.—Reed Dunlap has built a new eltr. and equipped it with machinery furnished by the Philip Smith Mfg. Co. The machinery consists of a passenger lift, two stands of eltrs. one with 15x7 cups and the other 12x6 cups. The plant also has a Smith sheller and cleaner in it.

Santa Fe, O.—A. G. Boogher is building a new eltr. with a capacity of about 30,000 bus. on the T. & O. C. He is equipping the plant with machinery furnished by the Standard Clutch Mfg. Co. including two eltr. legs, transmission machinery, a Western Cleaner and U. S. Sheller.

Celina, O.—We had a heavy loss by fire the 21st, our entire plant at Rockford, O., burning up. The name of the firm there was the Rockford Milling Co. We expect to build an eltr. at that place this fall, but are undecided as to building the mill up again. We are putting in a dump and repairing our plant at Oregon, O., will put in chain drag large eltr. for ear corn so we can load cars with ear corn, as we make a specialty of ear corn at this place; we are also thinking of building a plant in the near future, but are undecided as to location.—Model Milling Co.

Sidney, O.—Chamberlin Bros., who were in business at this point, Hamilton and Dayton a short time but long enough to get considerable money that does not belong to them are now running a bucket shop in Topeka, Kan., according to word received from E. J. Smiley, sec'y of the Kansas Grain Dealers Ass'n by W. H. Persinger. Mr. Persinger who was bumped hard by these men when in Sidney, claiming they represented E. W. Wagner of Chicago declares he will swear out requisition papers and have them returned to the state of Ohio for trial for obtaining money on false pretenses.

CINCINNATI LETTER.

This state is going dry and so is the Ohio river. Down by Gale's eltr. boys are wading across the turgid stream and the water reaches their arm pits. The same way with business: just about belly deep; nobody head over heels in work. There are causes for this effect, and F. F. Collins puts it this way: 1st.—Dry weather is handicapping the farmer. 2d.—Corn cutting is in full blast. 3d.—There is some political excitement in these parts, especially since Ohio is the home of the next president.

B. W. Gale is inclined to lament the local option wave which is sweeping over this section of the country, because it has affected the business of the distiller, who is not buying much grain. Mr. Gale says he looks for business to pick up after election.

W. H. Weber is hoping for better things in the grain line and looks for a big movement of corn to begin within the next two weeks. Corn has matured well in Ohio and several cars have been shipped to market in the ear. It is grading from No. 3 to no-grade. A car of corn was received Oct. 8 which graded no-grade, containing 22% of moisture. There does not seem to be a very big demand for corn at present prices as it is bringing 1c per pound, 70 lbs. to the bu. Last season Cincinnati allowed 70-lb. to the bu. from the beginning to the end of the crop year for ear corn, but in all probability the weight will be reduced to 68 lbs.

FLEXIBLE TELESCOPING SPOUT

Durable—Easy to Handle

An economical loading spout at a very attractive price.

VARNEY MFG. CO., Leavenworth, Kas.

Read the Story

of the condition of your grain at all points in storage bins.

No More Anxiety!
No More Useless Turning of Grain!

Use

THE ZELENY THERMOMETER



Send for circulars

The Multiplex Electric Thermometer Co.
Red Wing, Minn.

WE WANT YOUR ORDERS FOR

**Elevating, Conveying,
and
Power Transmitting
Machinery and Supplies**

**Right Goods
at
Right Prices**

**Prompt Shipments
Quality Guaranteed**

Let us figure on your bill,
we can save you money.

POWER APPLIANCE CO.

Successors to

MIDLAND MACHINERY CO.

MINNEAPOLIS MINNESOTA

RECEIVERS

who want to reach the regular grain dealers of the country use space in the GRAIN DEALERS JOURNAL

before the season advances very far this year.

There are other causes which enter into the dull business conditions other than those enumerated above. In the first place buyers are still pursuing the hand to mouth policy for they expect to see prices reduced, especially on corn. Dealers here look for 60c corn straight thru the season however. Then the South is just harvesting one of its best crops and will not be in the market to any considerable degree until after Christmas.

J. W. Ellis says his firm has handled 300,000 bus. of wheat this year for a prominent Southern flouring mill. He is buying all the good wheat he can find.

Cincinnati is the fourth largest hay market in the U. S. and is endeavoring to maintain its reputation by handling a great deal of mixed clover hay. The receipts are about half normal for this season of the year.

M. Walsh, commercial agent for the A. B. & A. R. R., a new line which has just been completed from Atlanta thru Birmingham to the Atlantic coast, is endeavoring to interest the shippers in his line and is promising them all sorts of good things which they have not been accustomed to receiving if they will route over his road, and he declares he is in a position to back up what he claims. He says his road has spent \$52,000,000 for 700 miles of railroad and equipment, which is practically new so there will be no loss from leaky cars in case grain is loaded in their rolling stock; that they pay claims promptly when submitted, and do not charge any per cent for shrinkage. If Mr. Walsh can make good, and the shippers seem to think he can, his road deserves patronage.

Fifteen per cent of moisture or less represents No. 2 corn, 18% or less of moisture is No. 3 corn, and 20% or less is No. 4 corn according to the rules of the Cincinnati Chamber of Commerce. A Hess Moisture Tester is used to determine the amount of moisture in the grain and Chief Grain Inspector Geo. Munson superintends the work. Any time there is a kick on Cincinnati grading you will always find George, so the dealers say, ready to prove he is right, or acknowledge he is wrong. Grain receivers in Cincinnati swear by Geo. Munson.

OKLAHOMA

Cherokee, Okla.—I am out of the grain business.—S. Koerner.

Vinita, Okla.—The Union Grain Co. is building a 10,000-bu. eltr.

Guymon, Okla.—The eltr. of the Liberal Eltr. Co. is completed.

Byron, Okla.—R. E. Fisher is now mgr. for the Stevens-Scott Grain Co.

Erick, Okla.—The framework of the new eltr. was blown down Sept. 22.

Enid, Okla.—Millers here have been engaged in a war of competition for wagon wheat.

Lindsay, Okla.—Floyd Cooper has erected an eltr. 18x18, 50 ft. high with a capacity of 4,800 bus.

Tangier, Okla.—Mr. Leasure has been building an eltr. here, but the wind blew down the frame Sept. 22.

Enid, Okla.—The Wirt & Lyons Co. has awarded the contract for the erection of its terminal eltr. to J. A. Horn.

Okeene, Okla.—J. C. Fisher and L. Schreiber have made a proposition to the Commercial Club, whereby they will erect an alfalfa mill of fifty tons daily capacity

providing the club will furnish them a site. It is estimated that the mill will cost \$10,000.

Chickasha, Okla.—Chickasha Grain Co. incorporated; capital stock, \$10,000; incorporators, E. H. Linzee, K. B. Linzee, E. C. Young.

Enid, Okla.—A. boot tank, 12x8 and made of steel, has been installed in the Home Grain Co.'s house by J. A. Horn.

Manitou, Okla.—Manitou Grain & Eltr. Co. incorporated; capital stock, \$5,000; incorporators, R. M. Simmons and S. H. Reeves, of Hobart.

Waurika, Okla.—Broadbuds & Mize have started a wholesale and retail grain, hay and feed business in connection with their lumber business.

Oklahoma City, Okla.—It is alleged that Harry Parker, a grain inspector, has shot a woman for her refusal to elope with him. Parker has fled.

Enid, Okla.—Ernest Thies, who was injured by the fall of a scaffold, as stated in this column June 25, has brot suit against the Enid Mill & Eltr. Co. for \$2,000 damages.

Greenfield, Okla.—I am no longer with the Wirt & Lyons Eltr. Co. but am at present with the C. A. Lowe Construction Co. M. C. Herchberger takes my place with Wirt & Lyons Grain Co. at Jet.—G. W. Hoover.

Muskogee, Okla.—D. M. Venus, who was expelled from the Texas Grain Dealers Ass'n, for failing and refusing to observe his obligation by arbitrating and paying awards of its arbitration committee and who has been connected with the W. A. Stetler Grain Co. is now running the Venus Grain Co.

Tulsa, Okla.—A very successful meeting of the dealers of eastern Oklahoma was held here Sept. 26 at the call of the Oklahoma Grain Dealers Ass'n. Sec'y C. F. Prouty worked effectively toward interesting the dealers in association work. In order to reach the dealers in other sections of the state Mr. Prouty will hold revivals at Wagoner, Muskogee, Vinita and again at Tulsa. It is hoped to gain 100 members for the Oklahoma Grain Dealers Ass'n. The Ass'n took in at Tulsa the following 22 new members: Sam Plummer, the Hannifan Mill & Eltr. Co. and Pitts-Wells Eltr. Co., Broken Arrow, Okla., William Majors, Bushhead, Okla., Central Mill & Eltr. Co., Council Hill, Okla., Lawrence Grain & Mill Co., Checotah, Okla., The Dickinson Bros. Grain & Eltr. Co., Collinsville, Okla., Western Grain Co., Ft. Smith, Ark., Baxter Grain Co., Haskell, Okla., John A. Dix, Hominy, Okla., W. L. Harris, Inola, Okla., J. E. Wulff, Jenks, Okla., S. R. Morris, Keystone, Okla., Lenapah Grain & Hay Co., Lenapah, Okla., W. A. Stetler Grain Co., Muskogee, Okla., Oswego Seed & Grain Co., Oswego, Kan., Arthur & Wilcox, Binding-Stevens Grain Co., Read-Mill & Eltr. Co., Tulsa, Okla., Chalfburg Bros., Verdigris, Okla., Great Western Grain & Hay Co., Vera, Okla., Comanche Grain & Eltr. Co., Comanche, Okla., Chouteau Grain & Eltr. Co., Chouteau, Okla.

OREGON.

Portland, Ore.—Carl Sholluck is putting up a grain warehouse 45x50 ft.

Portland, Ore.—Balfour, Guthrie & Co. is installing a steamed rolled barley and feed grinding plant.

Portland, Ore.—The grain standards committee of the Chamber of Commerce has made up its type sample for the com-

ing season and they are ready for distribution at 50c each, an advance over former prices.

Portland, Ore.—The Coffin Grain & Milling Co. re-incorporated, changing the name to the Pacific Coast Milling Co.

Portland, Ore.—On their Mersev dock in this city, Balfour, Guthrie & Co. are installing a large steam rolled barley and feed grinding plant.

Salem, Ore.—The Oregon Railroad Commission has set the following dates for the hearings on the reasonableness of grain rates in the eastern part of the state: Nov. 4, at Pendleton, a hearing on the rates between Portland and points on the main line of the O. R. & N., the Elgin branch, the Pilot Rock branch and Washington division points. Adjournment will probably be had from Pendleton to La Grande. Nov. 9, at Wasco, a hearing on the rates between Portland and points on the Shaniko branch. Nov. 11, at Condon, a hearing on the rates between Portland and points on the Condon branch. Nov. 13, at Heppner, a hearing on the rates between Portland and points on the Heppner branch.

PENNSYLVANIA.

Pittsburg, Pa.—The Central Eltr. Co. calls the attention of shippers to the advantage presented by the facilities for pro-rating grain. Pro rate grain can be held in eltr. six months and forwarded east to all points on the Pennsylvania system at thru rate of freight from point of shipment.

At the recent annual meeting of the Pennsylvania State Millers Ass'n, a paper by Professor F. D. Fuller, chief chemist of the Penn. Dept. of Agri., Harrisburg, was read, in which the professor thanked the millers for their co-operation, and said: "The most serious adulteration of feeding stuffs, during the past year, was in the use of ground rice hulls in molasses feeds and a few other dairy feeds. It was doubtless a great temptation on the part of the manufacturer to practice adulteration, owing to the fact that exceptionally high feed prices have prevailed for some time. A large proportion of the samples of mixed feeds examined by us during the past year, particularly those containing molasses, carried more or less weed seeds. These seeds were usually present in an unground condition, and upon careful examination of well-known brands, we found a variation from approximately two millions to seventeen millions seeds per ton. Experiments have been conducted which prove that many of the seeds present in molasses feeds, were viable and when planted in sterilized soil, growth took place with remarkable vigor."

PHILADELPHIA LETTER.

The appropriation of \$1,500,000 has been made by Councils of the city for new docks, piers and wharf improvements along the Delaware and Schuylkill rivers.

New ocean steamship lines have decided upon this port as one of their terminals, with service between Philadelphia and South America by the Italian line, a fast Express freight service between this city and the Mediterranean coast, with an additional sailing of the steamers of the Lloyd Sabaud line from here to all of the leading Italian ports.

The famous Backbone Club, which has informally existed for years, and numbers among its patrons some of the leading and active grain, flour and feed men of the city, enjoyed their fall reunion at

the Old Orchard's, Essington, and reveled in a well supplied reed bird dinner. W. P. Brazer and S. L. McKnight led off in the ceremonials, and among the pilgrims were S. F. Scattergood, John Lynch, E. E. Delp, A. E. Kruger, Oscar Gehring, A. C. Kerr, Robert McCredy, Frank Rosenkranz, Hubert J. Horan and M. Montgomery.—S. R. E.

SOUTH DAKOTA.

Philip, S. D.—C. W. Ping and M. D. Harris have formed a partnership to do a grain business.

Flandreau, S. D.—The Farmers Eltr. Co. will reorganize and take into consideration the rebuilding of the burned eltr.

Artesian, S. D.—I am out of the grain business at present. I found the Grain Dealers Journal a good help when handling grain.—F. M. Ryan.

Mission Hill, S. D.—The Atlas Eltr. Co. has sold out to the Farmers Eltr. Co. I am out of the grain business, and am now agt. for the Atlas Lumber Co.—J. M. Sadler.

Lennox, S. D.—The Commercial Club is looking over the grounds with the prospect of erecting a Farmers Eltr. A mass meeting of farmers and businessmen will soon be held for the purpose of making preliminary arrangements.

Canton, S. D.—On the night of Oct. 21, fire was discovered in the eltr. owned by the Scott Logan Milling Co. and in a short time there was a fierce blaze. The eltr. belonging to the South Dakota Grain Co. and the W. C. Gemmill eltr. were soon on fire. It looked at one time as if the city was doomed. The Hunting eltr. was on fire several times, as were also two other eltrs. The loss to the Gemmill Eltr. \$7,000; Logan, \$4,000; Farmers Eltr. Co., \$600; S. D. Grain Co., \$7,000; all covered with insurance. S. D. Eltr. Co. will rebuild.

Sioux Falls, S. D.—The South Dakota Railroad Commission is endeavoring to have grades established for spelts, which has become a great feed crop in the northern and western parts of the state. Following the lead of the Minnesota Railroad & Warehouse Commission the South Dakota Commission has adopted the following grades of velvet chaff wheat: No. 1 shall be bright, sound and well cleaned and weigh not less than 57 pounds to the measured bu. No. 2 shall be sound, dry, reasonably clean, may be slightly bleached or shrunken, but not good enough for No. 1, and weigh not less than 56 pounds to the measured bu. No. 3 shall include all wheat that is bleached, smutty or for any other cause unfit for No. 2, and weigh not less than 54 pounds to the measured bu. No. 4 shall include all wheat that is very smutty, badly bleached and grown, or for any other cause unfit for No. 3.

SOUTHEAST.

Hickory, N. C.—The Piedmont Grain & Produce Co. incorporated; capital stock, \$100,000; with J. Riddle and others stockholders.

Jacksonville, Fla.—We have just completed our terminals which are 450 ft. long by 95 ft. wide, St. John's River, Jacksonville. We are located in the heart of the business section of our city, and have warehouse capacity of 300 cars, track capacity for 18 cars at a time, ship berth capacity 900 lineal feet. We can accommodate ships at our terminals drawing 26 ft. of water. The object of this business is to handle flour, grain and hay in large quantities exclusively to the job-

bing trade; also to do an import and export business in these lines. We are preparing to construct an eltr. for sacking bulk grain at the rate of 10 cars per day.—Merchants Warehouse Co.

TENNESSEE.

NASHVILLE LETTER

Murray Hogan, one of the leading local grain men, is erecting a handsome residence in West End which will cost \$10,000.

The J. A. & O. L. Jones Mill & Eltr. Co., has started the work on an extension to the grain and flour warehouse which when completed will increase their storage capacity by one-third. New machinery is also being added to the mill and eltr.

The Capital Grain Co., recently reorganized, with \$40,000 capital, has made many improvements on the plant, extending the storage rooms and adding new machinery. Mr. Chairs is the lessee of the eltr. and is doing a general handling business for local dealers.

The new extension to the warehouse of the McLemore Grain Co., in West Nashville has about been completed. The eltr. has also been overhauled and equipped with more machinery. In erecting the eltr. machinery an employee of the company was killed and the family of the dead man are now suing the company for \$5,000.

Robert Rhea of the I. T. Rhea Grain Co., has had a new boat built which will engage in traffic on the Cumberland river about the middle of October. The boat was built especially for grain handling and is modern in every respect. This company does a large river business with planters and this boat will handle this traffic almost exclusively.

James Lilly, perhaps the oldest mill man in Tennessee, died at his home in Franklin last week after a short illness. He was the father of James Lilly, Jr., one of the most widely known grain and mill men in this section. Mr. Lilly engaged in the grain business here before the civil war and remained in the business until he was succeeded a few years ago by his son.

Logan & Co. are building an important extension to their warehouse, extending the building to the river wharfs. This firm deals extensively with the farm trade along the Cumberland river and will probably add a boat on the river. The additions to the plant will cost about \$10,000. The eltr., which was built about a year ago, is also receiving some new machinery.—W.

TEXAS.

Clifton, Tex.—We are not in the grain business now.—Schow Bros.

Bonham, Tex.—D. A. Baird has leased the plant of the Bonham Mill & Eltr. Co. A new sheller and corn dump are being installed.

Krum, Tex.—The Krum Mill & Eltr. Co. has been re-instated to membership in the Texas Grain Dealers Ass'n after having resigned.

Graham, Tex.—The Graham Mill & Eltr. Co. incorporated; capital stock, \$40,000; incorporators, J. E. Dowdie, John C. Carmack, J. J. Sparks.

Fort Worth, Tex.—The Fort Worth Grain Eltr. Co. has purchased an additional lot near its new eltr. and erected a large corn shelling plant from which the corn is taken to the eltr. and the shucks are baled by a power baler. This



Cover's Dust Protector

Rubber Protector \$2.00
Sent postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

H. S. COVER
124 Perley St., South Bend, Ind.

GRAIN TRIERS



20TH CENTURY BRASS & MFG. CO.
Minneapolis, Minnesota

P. M. INGOLD

Grain Commission Merchant

I give my personal attention to all sales and orders.

Duluth MINNEAPOLIS Milwaukee

We LOOK

after your interests carefully on business sent us and secure full market value for grain on consignment. Also give hedging orders prompt attention. TRY US.

McKenna & Rodgers

61 Board of Trade, CHICAGO



The
National City Bank
of Chicago

The Temple S. W. Cor., La Salle and Monroe Sts.
CHICAGO

Capital \$1,500,000 Surplus \$300,000

Approved by Chicago Board of Trade
as a Margin Depository

We allow 2% interest on all margin deposits over and above \$5,000.

DIRECTORS: ALFRED L. BAKER, of Alfred L. Baker & Co.; AMBROSE CRAMER, Trustee Henry J. Willing Estate; EDWARD G. CARRY, Vice Pres. American Car and Foundry Co.; E. G. EBERHART, Vice Pres. and Gen'l Mgr. Mishawaka Woolen Mfg. Co., Mishawaka, Ind.; A. B. DICK, Pres. A. B. Dick Co.; STANLEY FIELD, of Marshall Field & Co.; DAVID R. FORGAN, Pres.; F. F. PEABODY, of Cluett, Peabody & Co.; JOHN E. WILDER, of Wilder & Co.; H. E. OTTE, Cashier.

OFFICERS: DAVID R. FORGAN, President; ALFRED L. BAKER, Vice-President; H. E. OTTE, Cashier; L. H. GRIMME, Assistant Cashier; F. A. CRANDALL, Assistant Cashier; W. D. DICKEY, Assistant Cashier; R. U. LANSING, Manager Bond Department.

makes the plant of this concern one of the most complete in every way in the state and will add materially to the facilities for handling snap corn, which facilities are very limited in the state.

Fort Worth, Tex.—The eltr. of the Texas Mill & Eltr. Co. of North Fort Worth, was damaged by fire on the night of Sept. 22. The fire was caused by an explosion. The loss will reach \$2,000.

McKinney, Tex.—A jury has given Harry Bros. & Co. a judgment against the J. T. Stark Grain Co. for \$4,461 alleged to be due for the construction of eltrs. Defense alleged failure to comply with the contract.

Ft. Worth, Tex.—J. A. Ivey, a brother-in-law of J. L. Walker of the Walker Grain Co., and who was associated with the Walker Grain Co. for some time, has succeeded the late firm of the Wilkes-Ivey Grain Co. of this city.

Dallas, Tex.—We have sold out our retail business to the Lawther Grain Co., which took effect Oct. 1. We have rented our warehouse to them until Jan. 1, after which time we will go into the storage business.

Galveston, Tex.—Exports from Galveston during September have been 1,499,760 bus. of wheat and no corn; compared with 2,942,964 bus. of wheat 471,427 bus. of corn for September last year, as reported by C. McD. Robinson, chief inspector Galveston Board of Trade.

Navasota, Tex.—The Barry Mill & Grain Co. has leased the four story mill building known as the Ahrenbeck mill property, and is installing heavy machinery for shelling and grinding corn and bolted meal and chops, with a capacity of about 2,000 bus. per day.

Fort Worth, Tex.—In our recent eltr. fire no grain was lost, it all being in steel tanks back of our eltr. proper. Our corn sheller, head-house and engine room were destroyed. The origin of the fire was not due to the explosion of the gasoline engine and it is supposed to have been incendiary origin. We were running at the time the fire was discovered at 10:00 p. m. Sept. 22d. Our loss was covered by insurance.—Texas Grain & Elev. Co.

Austin, Tex.—The Texas R. R. Commission has amended Commodity Tariff No. 2-B, covering on grain and products as follows; Circular No. 2886: "1. Amend Item 2, Explanation of Rates by adding to the list of articles subject to grain rates: Mixed Stock Feed composed of the products of two or more of the following: barley, rye, wheat, corn, oats, kaffir-corn, milo-maize and hay, or a Mixed Feed composed of any of such products and any of the unmilled commodities from which such commodities are milled. 2. Amend Milling-in-transit Rule 2 by adding to the list of articles named as subject to transit privileges: Mixed Stock Feed composed of the products of barley, rye, wheat, corn, oats, kaffir corn, milo maize and hay. The percentage of each product contained in the mixture, together with the weight in pounds of each, shall be printed on the bag or other package containing the mixture, and the same information shall be shown on the bill of lading for the shipment from milling point. This order shall take effect October 1, 1908. The Railroad Commission has also amended commodity tariff No. 2-B by adding to SIT Rule 8, Section 6 of tariff the following: (2) Where the stopover point is located on the Galveston, Harrisburg & San Antonio Railway, H. & T. C., H. E.

& W. T., or T. & N. O., and only when such line or lines haul shipments into stopover points, the following "out of direct route" charge will be observed: For distances over 125 miles, six (6) cents per 100 pounds." This is Commission Circular No. 2862 now in effect.

Fort Worth, Tex.—H. B. Dorsey, sec'y of the Texas Grain Dealers Ass'n has obtained the following modification of the railroad commission's order that grain could not be stopped in transit: "It appearing to the Railroad Commission of Texas that the clause 'provided the contents of the car have not been disturbed or removed at first destination,' as contained in Texas Classification No. 1, Rule 35 providing for Changing Destination of car load shipments, is not fully understood, the Commission rules that said clause was not intended to and does not prevent breaking car seals and examining the contents, provided no part of the shipment is removed or damaged by such inspection." Mr. Dorsey believes that another amendment is needed to the effect that cars may be moved out of first destination if the freight is paid and the in-bound billing used on the out-shipment on that particular or identical car, as this would give the opportunity to move a rejected car where it had remained on the track more than 48 hours given for reconsigning and would keep the designing consignees from taking advantage of the present situation and making unjust demands for reductions, knowing that the car would have to be unloaded. This would prevent the abuses of continuing in force billing which would soon die and the manipulation of billing on new crops and the picking up of billing and the like and would be fair and reasonable and would not work a hardship on any one interested, as to be forced to unload the car where possibly there were no facilities or storage would add expense to the shipper and take the car out of traffic for several days, when if it could be moved on as above suggested, time would be saved all round. Mr. Dorsey suggests that shippers interested write directly to the Commission.

WASHINGTON.

Pullman, Wash.—Two warehouses at Busby Siding, three miles south of this place on the Genesee branch of the Northern Pacific R. R. burned Sept. 29, destroying about 100,000 bus. of grain, belonging to the Kerr, Gifford & Co. and the Puget Sound Warehouse Co. It is reported that heavy insurance is carried by both companies.

WISCONSIN.

Welcome, Wis.—Charles Heckmann's eltr. burned; loss \$6,000; no insurance.

Two Rivers, Wis.—E. Harnden has leased the eltr. of the Two Creeks Trading Co.

Superior, Wis.—Eltrs. K and L have been declared regular on the Duluth Board of Trade.

Reedsville, Wis.—Peter Reinemann & Son have bot the grain eltr. of the Western Eltr. Co. for \$3,000.

Superior, Wis.—All records for unloading cars were broken at Eltr. S of the Great Northern road which on Sept. 21 unloaded 232 cars in 10 hours.

Chippewa Falls, Wis.—The Chippewa County Exchange will lease the eltr. of the Farmers Produce Co. Twenty per cent of the stock has already been paid in

and as soon as the farmers begin to haul their produce the balance will be paid. A. H. Hunt, pres., C. L. Gladwell, sec., and Peter Hunz, treas.

Galesville, Wis.—The Yeoman Grain Co. has discontinued business at Galesville and as yet no new firm has taken the house.—H. Yeoman, Trempealeau, Wis.

Eau Claire, Wis.—The Northwestern Flour & Grain Co. incorporated; capital stock, \$25,000; incorporators: A. J. Branstad, George D. Thorson, J. B. Fleming.

Superior, Wis.—Eltr. No. 3 of the Globe Eltr. Co. has been bonded by the government for the handling of Canadian wheat. Eltr. S on Sept. 21 received 87 cars of Canadian grain, the largest amount received in any one day at the head of the lake.

Eau Claire, Wis.—The old Northwestern Eltr. which was several months ago taken possession of by the United States Sugar Feed Co., of Milwaukee, was totally destroyed by fire on the evening of Oct. 2. Some insurance. Mgr. Heffernan said he does not know how the fire originated, and does not know whether the company will rebuild or continue in business.

Superior, Wis. — H. A. Juneau, chief weighmaster of the Superior Board of Trade reports that during August Eltr. S received 490 cars of grain, of which number 355 were leaking as follows: 286 grain door leaks; 13 draw bar leaks; 15 corner leaks; 137 end leaks; 61 side leaks; seals: 33 end seals; 17 no side seals; 7 end doors open; 2 end doors broken. Eltr. "K," 281 cars received—173 cars leaking as follows: 100 grain door leaks; 13 corner leaks; 73 end leaks; 34 side leaks; 2 bottom leaks; 6 draw bar leaks; seals: 26 no end seals; 6 no side seals; 10 side doors open; 1 side door nailed; 1 no end door. Itasca Eltr., 476 cars received—323 cars leaking as follows: 129 grain door leaks; 35 draw bar leaks; 183 end leaks; 108 side leaks; 2 bottom leaks; seals: 57 cars no end door seals; 26 cars no side seals on one side; 18 end doors open; 4 side doors open; 2 no side doors; 17 cars end reported in bad order.

MILWAUKEE LETTER.

Memberships in the C. of C. are quoted at \$275 net to buyer.

It is rumored that the Lawrence Grain Co. is to discontinue business.

L. Bartlett & Son Co. have extended their offices and now occupy room 205 in addition to their former quarters.

Barley "futures" are being quoted in the Daily Circular, for Oct., Dec. and May delivery, quotations ranging from 64c for Oct. delivery up to 70c for May.

William H. Perrigo died Sept. 27 aged 83 years. Mr. Perrigo, on the completion of the Milwaukee & Mississippi R. R. in 1869, went to Prairie du Chien and took charge of the company's grain eltrs. there; but in 1873 he returned to Milwaukee and for 20 years did an extensive grain business. Mr. Perrigo was a charter member of the Chamber of Commerce. He is survived by a wife, three sons and two daughters.

A light run of receipts has checked the decline in barley, but unless an increase is experienced, we are likely to have a reaction. Durum wheat is in active demand and promises to continue so. Some complaints from the country of shortage

in cars, but nothing more than the ordinary. Of course there are always some complaints.—C. F. Glavin.

That the greater part of the old crop of corn has been marketed is evidenced by the light arrivals. The high prices have no doubt had the effect of cleaning out almost every bin of this now valuable commodity.

Railway managers are beginning to feel the demand for cars which is coming in from all parts of the Northwest, and the expectation is that by Oct. 15th there will be a genuine old fashioned car famine in the land.

Seidel & Dalton, with headquarters at Minneapolis, have discontinued their branch office located in the C. of C. building. John Buerger who had the business in charge, has no present connections in the grain business.

Absolutely nothing doing in oats. Rye is dull. Distillers holding off awaiting result of election. Same can be said of barley business. Have a letter from a maltster in Ohio saying the whole state will go dry.—H. Wissbeck.

Business is very dull. Nothing doing. Brewers holding back. Prohibition makes them feel very uneasy. Saloons put out of business, small sales of malt, and consequently less barley sold. Not in line for export.—Hottelet & Co.

Chas. Dingwall, lately connected with C. R. Lull, succeeding P. P. Donahue as manager of the wheat department, has branched into business for himself, with offices at 402 Mitchell Bldg. He will do a feed-stuffs and flour business.

Application for membership has been made by Thos. Hanson and Douglas Webster. Application for transfer of memberships has been made by Chas. S. Morris and Wm. Von Baumbach. No Members have been elected recently.

The C. & N. W. Ry. had adopted the practice of refusing to allow claims for refund of overcharge, claiming it is illegal under the present law. The transportation department of the C. of C. has taken the matter up, and the road it is expected will recede from its determination.

The proposed hearing of the complaint of the C. of C. by the Interstate Commerce Commission in Milwaukee was postponed, the Commissioners appointed for the hearing having been obliged to hear a case of larger import on the same date. No other date has yet been set for the hearing.

Receipts are going to be light for a time. Business in the country has dropped off. Undoubtedly business in Oct. will be kept within the smallest bounds known in this market for some years. Early movement of grain the cause. Sept. this year was away ahead of the same month in 1907. Demand from the east is rather quiet. Prices are being well maintained on all kinds of grain. Looks to us like a dull Oct., to be followed by a good winter business. It would appear as tho the market has stood the strain of very heavy receipts and for that reason we feel friendly to present prices.—B. G. Ellsworth.

We do not find much of a trade. Corn is about as dead as a door-nail. Trade in mill-feed is pretty good. Dealers do not seem to have any on hand and still they do not buy. Waiting for lower prices. Fair demand from Wisconsin points for corn. Receipts are light. Buyers willing to take all that comes here at current prices. Old crop is getting pretty well

cleaned up from all appearances. December corn is good deal cheaper than cash corn. It is only natural that when new corn comes prices will fall off considerably. The barley market is very sick. Receipts have been so heavy, the feeding proposition has not been able to take care of it.—C. B. Pierce.—Slits.

African Grain Storage.

In the native villages of east Africa are found groups of curious mud jugs in which grain is stored to protect it from the ravages of the white ants. These insects in myriad swarms compare in destructive powers with the rats of northern climes. For efficiency in preventing waste this mud jug of the untutored savage is quite the superior of the American farmer's rail crib.



African Mud Jug for Grain.

As shown in the engraving herewith, for which we are indebted to *Popular Mechanics*, the mouth of the jug is covered with thatch, as are the huts of the negroes, while the bottom is supported above the ground by bowlders and split logs.

Imports and Exports of Rice.

Imports of rice, rice flour, rice meal, and broken rice for the seven months prior to Aug. 1 have been 135,349,653 lbs. against 130,876,994 lbs. for the corresponding period of 1907.

Exports of rice flour, rice meal and broken rice, for the seven months prior to Aug. 1 have been 11,236,228 lbs. of domestic and 4,487,321 of foreign origin, against 16,873,507 lbs. of domestic and 5,040,800 of foreign origin for the corresponding period of 1907, as reported by O. P. Austin, chief of the Bureau of Statistics.

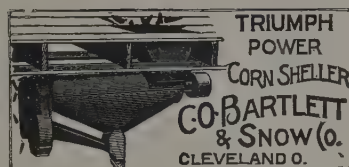
Exports of Glucose, Corn Oil and Cake.

Exports of glucose for the seven months prior to Aug. 1 have been 74,875,770 lbs., against 100,813,685 lbs. for the corresponding period of 1907.

Corn oil cake amounting to 509,067,057 lbs. was exported during the seven months prior to Aug. 1, against 784,928,599 lbs. for the corresponding period of 1907.

Corn oil exports for the seven months prior to Aug. 1 have been 1,662,563 gals., against 2,085,450 gals. for the corresponding period of 1907, as reported by O. P. Austin, chief of the Bureau of Statistics.

The Grain Dealers Journal has improved greatly and is a great help to any man in the grain business.—J. S. Hutchins Grain & Elevator Co., Ponca City, Okla.



R

+ FUMA =

Live weevil plus a little Fuma equals dead ones every time

Fumigate Your Elevators and Mills With FUMA

The only satisfactory method of treating grain in the bin; kills all insects, weevil, moths, etc.

10c per lb. in 50 lb. and 100 lb. drums

Send for printed matter

EDWARD R. TAYLOR
Manufacturing Chemist Penn Yan, N. Y.

May 1909 WHEAT

Those desiring some highly interesting comments and data respecting May 1909 WHEAT, should write me at once.

E. W. WAGNER

99 Board of Trade CHICAGO

NON-SIFTING

SAMPLE ENVELOPES

TULLAR ENVELOPE CO.

Successors to
HOWE ENVELOPE CO., Ltd.

303 Congress St. West, Detroit, Mich.

RATS & MICE

EXTERMINATED SCIENTIFICALLY

WITH

Pasteur Vaccine Co. Rat Virus

Non-Poisonous—No Odors

The virus is fed to the rodents on bread, grain or other suitable bait. In the course of a few days this creates a contagious and mortal disease that is harmless to all other life. Furnished in two forms.

MOURATUS—Gelatin Form, 50 and 75c.
RATITE—Liquid Form, 75c, \$1 and \$1.50.

Write for further particulars and testimonials to
PASTEUR VACCINE CO., Ltd.

Sole Continental Agents of Institut Pasteur, Paris, Biological Products.

7 Rue Meyerbeer, Paris, France.
New York, 340 West 110 Street.
Chicago, 323-325 Dearborn Street.

Address Dept. 11

Books Received

Government Crop Reports.—The value, scope and preparation of the government crop reports are outlined in a 16-page Circular No. 17, issued Sept. 30 by the Bureau of Statistics of the Dept. of Agri., Washington, D. C.

Rotation of Crops.—No Minnesota grain grower who contemplates beginning a systematic rotation of crops should be without the detailed record of ten years' experiment on 44 rotation plots by Professors Hays, Boss and Wilson contained in Bulletin No. 109 of the University of Minnesota Agri. Exp. Sta., St. Anthony Park, Minn.

Dry Land Grains.—Wm. M. Jardine, an agronomist in the employ of the U. S. Dept. of Agri., delivered an address before the Trans-Missouri Dry Farming Congress on Dry Land Grains, which has been published by the Dept. as Circular No. 12 of the Bureau of Plant Industry. Among the most drought resistant cereals of recent introduction Mr. Jardine names the beardless and hull-less types of spring barleys, Tennessee winter barley; sixty-day, kherson, burr and Swedish select oats of the spring varieties, and Boswell winter oats; spelts and emmer, spring varieties and a new winter emmer obtained by the Dept.; brown kowliang, a Chinese grain sorghum; durum, a spring, and turkey red, kharkof and crimean winter wheats. Mr. Jardine's conclusions are that winter wheat will always be grown where wheats can survive winter conditions and that the hard winter will probably supplant all other types except in the Pacific area. Also, the only possible way to obtain a steady and permanent market for grains is to concentrate on as few varieties as possible, this being especially necessary at this time in the intermountain area.

A New Wheat and Seed Cleaner.

Machines that can be used for handling and cleaning more than one kind of grain appeal to the majority of the country elevator men, for the reason that the machine itself is not only economical in that it will do the work of several, but because less floor space is required, and also less power.



A new machine has recently been put on the market for handling both wheat and clover seed. This machine scours and cleans. As will be seen from the cut shown herewith, it occupies but little space. It is fed by an ordinary spout leading from any bin to an inlet about 18 inches above the base of the machine. This machine creates its own constant blast of air and all dust may be blown out of the building or into the dust room.

This cleaner has a capacity of 50 bushels of clover seed and 75 bushels of wheat per hour, and requires but ½ horse power to operate it. Its shaft makes 500 revolutions per minute. The base of this machine is of iron construction and is bolted direct to the floor and, when set up in position, is rigid.

This machine is not expensive and can be installed in all of the smaller elevators with profit to the owner. Further information can be had by referring to the Sidney Elevator Mfg. Co., Sidney, O.

Supply Trade

The Plano Sheller Co., Plano, Tex., has been incorporated by M. J. Kaufman and others.

The C. P. & J. Lauson Co., Milwaukee, Wis., has been succeeded by the Christensen Engineering Co.

There is but one way of obtaining business—*publicity*; but one way of obtaining publicity—*advertising*.

"In advertising, the economy of today is often the loss of tomorrow; the expense of today the profit of tomorrow."

The Avery Scale Co. has opened an office at 2 Rector St., New York, N. Y., with Mr. Charles J. Simeon in charge.

Sprout, Waldron & Co., Muncy, Pa., have opened a branch office at Minneapolis. C. H. Mohr will be their representative and manager.

The Macdonald Engineering Co. has the contract to erect at Garv. Ind., for Dolese & Shepard, concrete tanks for storing crushed stone.

John Wanamaker: It is impossible to build a large business today without publicity. Advertising is an evolution of modern industrial competition.

The Kansas City Scale and Supply Co. has been incorporated at Kansas City, Mo., with a paid up capital stock of \$50,000. The incorporators are D. B. Blankenship, F. M. Cockrell, H. L. Shrewood and K. L. Browne.

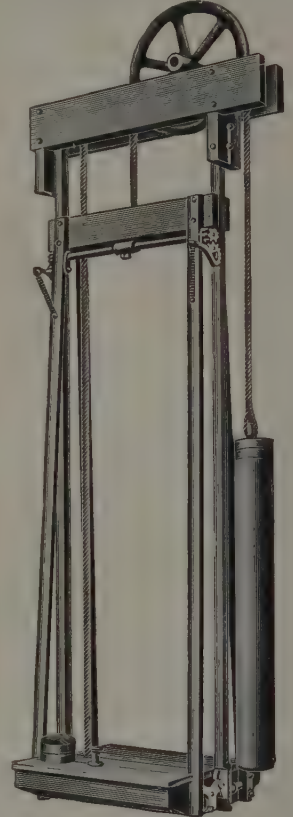
The Philip Smith Mfg. Co. reports a 500% increase in its business in the Western states this season and the general average above that of last year. The company is receiving orders every day from its many representatives in the different grain producing states, some of them very large contracts. B. D. Heck, the manager of the company, states that he has 75 men turning out machinery for grain dealers and the factory at Sidney is running full time.

The Standard Clutch Mfg. Co. has found such a ready sale for its friction clutch that it has decided to enter the power transmission field and is at present handling complete equipment for elevators including drag chains, elevator heads, boots and power transmission. The company is a representative of the B. S. Constant Co. and agent for the Western Cleaner, manufactured by the Union Iron Works. H. W. Miller, formerly with the St. Marys Gas Engine Co., is traveling among the grain dealers for the Clutch Company and he expects to equip many elevators with Standard machinery.

At the meeting of the board of directors of the Michigan Millers Mutual Fire Ins. Co., held Sept. 25, Mr. Robert Henkel of Detroit, Pres. of the Commercial Milling Co., was elected president of the company to succeed Mr. C. G. A. Voigt, deceased. Mr. Bela W. Jenks of the Huron Milling Co., Harbor Beach, Mich., was elected vice-president to fill the vacancy left by Mr. Henkel. To fill the vacancy on the board of directors, occasioned by the death of Mr. Voigt, Mr. O. D. Chapman of Chesaning, Mich., was elected. Mr. Voigt had been president of this company since 1897, was vice president between the years of 1893 and 1897 and had been a director since 1889.

The Burrell Improved Manlift.

Grain dealers, in erecting new elevators, cannot afford to overlook the fact that mutual fire insurance companies making a specialty of insuring grain elevators and contents, now allow a deduction of 10c for the installation of a manlift to top of cupola, so that owners of elevators not only gain by reduction in the cost of their insurance, but also save the



energy of their employees for other labor than that of climbing long dirty ladders or stairs in order to oil or inspect the machinery at top of house. By insuring easy and more frequent inspections of this machinery, the elevator owners reduce the fire hazard, just as the mutual insurance companies give them credit for doing.

Illustrated herewith is an engraving of an improved manlift made by The Burrell Mfg. Co., who have been experimenting with manlifts for several years, the purpose being to perfect a safety lift which could be installed at a small cost and in small space, yet one which would carry a man with ease and safety. In its improved manlift, it claims to have perfected a simple practical lift, which can always be depended upon. The space required for cage, guide, and weight is but 26x38 inches.

The new manlift has a double safety device attached to the counterweight rope, so that if the rope should break, it would be impossible for the cage to drop, as both safety dogs are controlled by two independent springs. The locking devices are constructed on the same principle, so that by removing the foot from the pin, the cage is locked at any desired point. All parts are machine finished, to insure durability and easy running.

Grain Carriers

The Canadian Pacific Railroad strike was settled Oct. 6.

Only 8 to 10 per cent of the equipment of all the roads is now idle. Look-out for a car famine.

The grain laden steamer Simla while en route from Fort William to Kingston, Ont., ran aground in Lake Superior.

Surveys are being made for the Iowa & Omaha Short Line recently incorporated in South Dakota to build between Omaha and Des Moines.

Application for right of way from Mandan, N. D., north along the Missouri River into Eastern Montana has been made by the Northern Pacific.

The United States court at Philadelphia on Oct. 6 granted the government an appeal from the decision against the constitutionality of the commodity clause of the Hepburn act.

The Interstate Commerce Commission will hear argument at Washington Oct. 17 on the complaint by the Kansas City Hay Dealers Ass'n against the Missouri Pacific Ry.

Delegates from six Michigan cities organized the Grand-Saginaw Valley Deep Water Ass'n at Grand Rapids Sept. 29 to project a canal connecting Lakes Michigan and Huron.

The Grand Trunk Pacific has been officially opened from Winnipeg, to Battle River, 666 miles, and by the beginning of winter will be completed to Edmonton, 1,000 miles.

The Arkansas Railroad Commission on Oct. 6 refused to approve the advance in rates of 50 to 166 per cent filed by the roads Oct. 5 on the ground that the "advance is exorbitant."

A paper favoring the application of the principle of reciprocal demurrage was read by J. M. Sullivan of South Carolina at the convention of the National Ass'n of Railway Commissioners Oct. 8, and adopted.

Interstate Commerce Commissioner Cockrell will give a hearing at Fort Worth, Tex., Oct. 17, on the complaints of Smith Bros. Grain Co. against the Missouri Pacific Ry.; and Brown Grain Co. v. Santa Fe Ry.

The Hudson Bay route for the wheat of western Canada is condemned by the report of the steamer Adventure that it was unable to enter the straits until the last week of July and found very heavy ice in the bay in August.

T. P. Gordon of St. Joseph, Mo., has been granted an order by the Interstate Commerce Commission authorizing the St. Joe & Grand Island road to refund \$12.10 overcharged on 2 cars of ear corn shipped from Severance, Kan.

Much new Canadian wheat has been diverted to New York and Boston by the recent increase in the rate from 3¼c to 6¼c per bu. for carrying grain from Fort William to Montreal. Contracts were made recently for 5,000,000 bus. to go thru Buffalo.

Mayor Follette of Tonawanda, at a meeting recently in the Hotel Astor, New York, of merchants of that city who are beginning a crusade to prevent the decline of the commerce of the port, said "If New York, Buffalo and other interested cities would combine they could re-

cover for this state and port commerce now diverted to Boston and Philadelphia. I am heartily in favor of the erection of free elevators, enough of which could be built at a cost of \$1,000,000 to materially aid in retaining commerce."

The New Orleans line of the Frisco System is ready for operation, and it is expected that the Frisco in connection with the Rock Island line to Eunice will handle considerable grain. With this in view repairs have been made to the eltr. at Chalmette and a new wharf has been built there.

A car shortage is on in western Canada. Many places which have ordered 200 to 300 cars have received only one-tenth the number, and the situation will become worse when snow flies. The accumulation of cars in the west has been loaded and despatched, and waiting for the return of the empties from the head of the lake is exasperating.

O. A. Cooper & Sons of Humboldt, Neb., have filed complaint with the Interstate Commerce Commission against the C., B. & Q. R. R. for alleged violation of section 3 in maintaining unreasonable rates on corn from Humboldt, to Atwood, Kan. The rate to Atwood is 18c for the distance of 297 miles, while the rate to distance from Kansas City, Mo., 493 miles, is only 13.6c per 100 lbs.

It is necessary to look at the Lakes to the Gulf Deep Waterway project in a worldwide, broad sense, to consider it in the light of future generations. There is danger, if the proposed scheme is not carefully considered, that our national money will be dissipated all over the country in all sorts of schemes that will not be in line with a continuous plan for the development of a great, complete and lasting waterway connection between the great lakes and the Gulf of Mexico.—John F. Wallace, former chief engineer of the Panama Canal Commission.

Delegates to the Lakes to the Gulf Deep Waterway Convention at Chicago this week had the time of their lives. Glittering generalities delivered by some of the speakers swelled the enthusiasm of the deep water workers. Adding interest to the meeting were candidates Taft and Bryan and many lesser lights. The Ass'n of Commerce provided entertainment for 7,000 persons, and a feature was a vaudeville entertainment including nine acrobats, gymnastic, not political. The affair wound up with a parade of 1,000 automobiles tho gondolas might have been more fitting.

Interstate Commerce Commissioner C. A. Prouty heard testimony at Omaha Oct. 2 on the complaint by the elevator companies against the Union Pacific. It was shown that a charge of \$2 per car is made for switching from the transfer track to the elevators in addition to the ¼c per 100 lbs. elevation, where the car is not delivered to the Union Pacific in 48 hours. Certain claims for elevation charges were allowed against the Union Pacific as to cars returned within the 48 hour limit. Commissioner Prouty directed that each elevator company file with the Interstate Commerce Commission schedules showing the number of cars returned and not returned in the 48 hour limit, and the number of foreign cars never returned. Complaints will be given until Oct. 20 to file briefs, the road will be given until Nov. 5 to answer and the complaints will then be given 5 days to reply. The complainants are Nebraska-Iowa Grain Co., Updike Grain Co., Nye Schneider Fowler Co., Cavers Elevator Co. and the Crowell Lumber & Grain Co.

Special Grain Shovel Rope

A marlin covered wire rope flexible as manila rope and much more economical.

Also Special Car Pulling Rope and Jupiter Transmission Rope

DURABLE WIRE ROPE CO.

BOSTON
26-30 Atlantic Ave.

CHICAGO
32 S. Canal Street



NO JAR OR JOLT

When You Have a
Reliance Automatic Dump Controller



The movement of the dump is smooth and slow. The controller is simple in construction, easily installed and requires no attention. Absolutely automatic. Study cut carefully and you will be convinced that this device is something you cannot afford to do without.

Hargreaves & Godel, of Manhattan, Ill., write: "We have given the Reliance Dump Controller a thoro test and find them to be all you represent and a perfect dump controller."

Sent on 30 Days trial. RELIANCE CONSTRUCTION CO., Indianapolis, Ind.

Corn and Oat Tables

—ON CARDS—

Clark's Tables for wagon loads reduce any number of pounds of shelled corn, rye, flaxseed, ear corn and oats up to 4,000 pounds to bushels of 56, 70, 72, 75, 80 and 32, 33, and 35 pounds. Printed in two colors, on heavy Bristol board. Can be hung up beside scale beam for use by weighman. Price, delivered 50 cts.

Grain Dealers Journal

255 La Salle St.

Chicago, Ill.

New Fire Proof Elevator of Callahan & Sons at Louisville. Ky.

Callahan & Sons, of Louisville, Ky., were at the head of the procession in 1900 in exploring the field of fireproof construction for grain elevators. The steel tank storage was then in embryo, and it seemed to offer a means of fire resistance as against anything else that had been previously used.

The plant, at that time, was laid out on the general lines shown in our illustration, consisting of two clusters of steel tanks, with a steel frame work house located between the clusters.

Experience has shown conclusively that protection against fire in steel structures can only be had by rigidly excluding all wood work and other combustibles from the construction.

While the skeleton and main structural features of the work house in the original plant were all steel, there still remained enough wood in the shape of floors, machinery supports, and in the equipment to support combustion when once started. It got the start in the spring of 1907, and in an hour there was nothing left of the work house but a tangled mass of steel and a water-logged pile of smoldering grain. The tanks which were free from combustible materials were not damaged, and there was some salvage in the lower story and foundation of the work house.

The new plant, reared on the old foundations, was designed and built by the Macdonald Engineering Co., of Chicago, and there is not enough wood in it to make a lucifer match.

A special feature of the new plant, which is now being strongly advocated by the engineers in all their fireproof elevator construction, is the placing of the hopper scales on the ground floor, instead of above the bins at an altitude of 100 feet or more and erecting the building to a corresponding height. The saving in altitude of the structure is in itself a very favorable feature from a fire-fighting standpoint, besides a saving in first cost of construction. This arrangement necessitates rapid handling machinery, for in emptying the scale on the ground floor it must discharge as quickly as if discharging directly into a bin or loading spout. The elevator legs are therefore made to carry ten thousand bus. per hour, and the two 1,500 bu. scales may each be emptied at that rate.

Each of the two track hoppers under the receiving track have a short receiving leg, which fills the hopper scales on the ground floor. Two loftier legs take the grain from the scales to the distributing spouts and belts leading to the storage or car loaders.

An unusual feature in elevator construction, and something that will be appreciated by elevator operatives, is the fact that there are ten garnerers out of which grain can be quickly discharged by gravity into hopper scales, and out of which sacking can also be done.

The work house has about 20,000 bus. storage, consisting of steel and concrete bins, and the steel tanks 100,000 bus. storage capacity. Under the bins in the work house are two stories with reinforced concrete floors and steel columns encased in concrete. The upper floor is

used for sacking grain from the bins over head, and also contains one Eureka Clipper of 1,500 bus. capacity, and one Eureka Dust Packer, also automatic scales for sacking, and dormant scales, and four sack chutes to the cars.

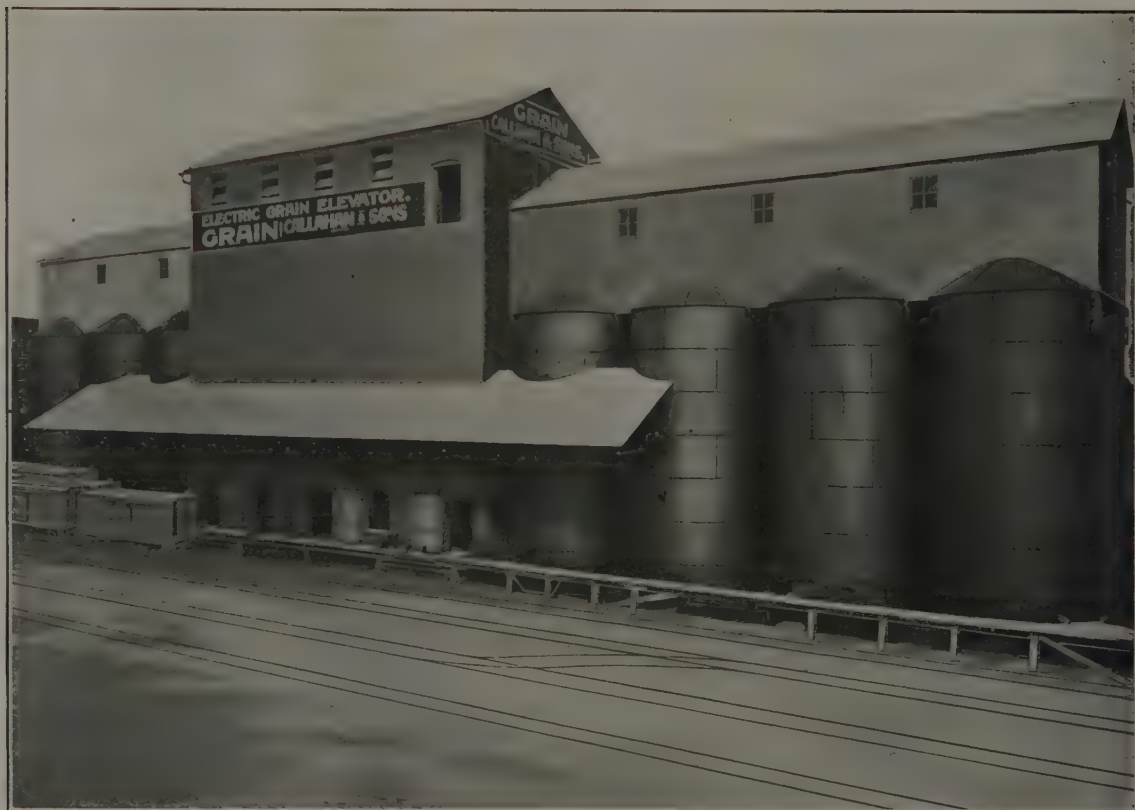
A separate elevator leg runs from the clipper to the bins over head and a complete dust collecting system takes dust from the machine.

Belt conveyors are used above and below the tanks for filling and emptying, and all spouting and elevator legs are of steel.

The machinery includes a heavy car puller which operates all tracks on both sides of the plant. The machinery is all driven by electric power, there being a 75-H. P. electric motor operating the oat clipper, and two motors of 50 H. P. and 35 H. P. respectively, driving elevator legs, belts, etc.

Ample railroad track facilities are provided, there being three private tracks on the west side of the elevator and two on the east side, these tracks affording carrying capacity at one time of 35 to 40 cars. The house has facilities for both receiving and loading grain on either side. The plant is probably the best equipped and first fireproof elevator of its kind erected south of the Ohio river.

A French milling journal estimates the wheat crop for this year at 296,800,000 bus. compared with an actual crop of 373,012,000 bus. last year. On account of the French shortage there is a good foreign demand for our red winter wheat. A large number of orders have already been placed by foreign buyers.



New Fire Proof Elevator of Callahan & Sons at Louisville, Ky.

Supreme Court Decisions

Intention to Deliver for Jury.—In an action on a contract for the purchase and sale of commodities, evidence examined, and held sufficient to go to the jury whether it was the intention of the parties that the commodities should be received or delivered.—*Carson v. Milwaukee Produce Co.* Supreme Court of Wisconsin. 113 N. W. 393.

Recovery of Payments on Speculative Transactions.—Evidence in an action under Rev. Laws, c. 99, Sec. 4, to recover payments made by plaintiff on a contract of purchase of stock on margin, held to authorize a finding that the contract made in another state was valid at common law, and therefore, presumably, in that state.—*Bearse vs. McLean.* Supreme Judicial Court of Massachusetts. 85 Northeastern 462.

Removal of Grain by Public Warehouseman.—An indictment under Hurd's Rev. St. 1905, c. 38, Sec. 125, providing that whoever, having given a receipt or other written evidence of the deposit of grain, shall sell or in any manner remove such grain from the place of storage, without the consent of the holder of the receipt, shall be punished as therein prescribed, charged that defendant, having given such a receipt, removed a large amount of the corn, "to wit, all of the said 4,870 bushels and 40 pounds," but the proof showed that 3,000 bushels of corn were left in the elevator. Held no variance.—*McReynolds v. People.* Supreme Court of Illinois. 82 N. E. 945.

Advancement by Landlord to Tenant.—The "advancements" for which a lien is created in favor of a landlord, by Code, Sec. 1754, providing that crops raised on leased lands shall be vested in possession of the lessor until the rent is paid and the lessor reimbursed for advancements in making the crops, embraces anything of value supplied by the landlord to the tenant in good faith, for the purpose of making and saving the crop; and, when the advancements are appropriate and necessary to the cultivation of the crop, they will be presumed to create the lien, but where not in themselves so appropriate and necessary, it must appear that they were made in aid of the crop.—*Windsor Bargain H. v. Watson.* Supreme Court of North Carolina. 62 S. E. 305.

Carrier's Liability for Delay.—Where a connecting carrier permitted flour to remain in its warehouse for 49 days before forwarding the same because of a shortage of cars, without notifying the shipper, knowing that the detention would be unusual, thereby preventing the shipper from protecting itself by insurance, and the flour was totally or partially destroyed by the burning of the warehouse, the carrier was chargeable with such negligence as made it responsible for the loss of the flour, notwithstanding a provision in the B/L that no carrier should be liable for the loss of the goods or damage thereto by fire.—*Erie R. Co. v. Star & Crescent Milling Co.* Circuit Court of Appeals. 162 Fed. 879.

Crop Lien Extinguished by Mortgagee's Conversion.—In an action brought to foreclose a chattel mortgage upon certain grain, a warrant was issued under the provisions of section 7513, Rev. Code 1905, pursuant to which all the grain grown on the land described in the mortgage was seized by the plaintiff, and subsequently, and before trial, the same was wrongfully converted by a sale thereof. Such grain was the sole property covered by the mortgage, and its wrongful conversion by plaintiff extinguished the lien of the mortgage, and thereby the cause of action for such foreclosure ceased to exist. At the time

of such seizure, other grain of the same kind, which had been intermingled by defendant with that covered by the mortgage, was also seized and converted in like manner. In his answer defendant pleaded a counterclaim for damages, based upon such conversion, and was allowed to recover in the lower court. Held error, as the cause of action contained in this so-called counterclaim had not accrued at the time the action was commenced.—*Strehlow v. McLeod.* Supreme Court of North Dakota. 117 N. W. 525.

What Law Governs Speculative Transactions.—Under Rev. Laws, c. 99, § 4, providing whoever on margins contracts to buy or sell, or employs another to buy or sell for his account, any securities, intending at the time that there shall be no purchase or sale, may recover of the other party to the contract, or from the persons so employed, any payment made on account thereof, if such other party to the contract or person so employed had reasonable cause to believe that said intention existed, plaintiff having employed defendant as his agent to go to another state and there make purchase of stock, the validity of the contracts of purchase, and the consequent right of plaintiff to recover of defendant payments on account of the purchases, depends on the law of the other state.—*Bearse v. McLean.* Supreme Judicial Court of Massachusetts. 85 Northeastern 462.

Bankruptcy—Pledge of Grain Certificates.—A bankrupt milling company in Pennsylvania had prior to the bankruptcy issued grain and flour certificates each calling for a certain quantity of grain or flour stored in its mill or grain tanks to be delivered to the holder on demand, and had indorsed such certificates as collateral security for loans. The grain and flour were in the possession of the bankrupt at the time of the bankruptcy, and under the law of Pennsylvania might have been levied upon and sold by attachment or execution creditors. Held that, the bankrupt having undoubted title to the property, such title was not divested by the pledge of the certificates, but passed to its trustees in bankruptcy under Bankr. Act July 1, 1898, Sec. 70a (4), c. 451, 30 Stat. 565 (U. S. Comp. St. 1901, p. 3451), as to property which might have been levied upon and sold under judicial process against it.—*In re Millbourne Mills Co.* District Court Eastern District of Pennsylvania. 162 Fed. 988.

Refunding of Elevator Charges.—A railroad company whose published schedule rate for the carriage of oats in interstate shipment from Minneapolis to Duluth or Superior was five cents per 100 pounds, and which received payment from a shipper at such rate, but, on shipments intended for thru transportation over the lakes, later refunded to the shipper the elevator charges for transferring the grain from its cars to vessels after the termination of its own carriage amounting to one-half cent per bushel, was guilty of granting a rebate or concession from the published schedule rate, in violation of Elkins Act Feb. 19, 1903, c. 708, Sec. 1, 32 Stat. 847 (U. S. Comp. St. Supp. 1907, p. 880), and it was no defense to a prosecution therefor that competing roads granted a like concession, and that it was compelled to do the same in order to secure its fair share of the business, or that it treated all shippers alike, or that the concession was made by its officers in good faith and in the honest belief that it was lawful.—*Chicago, St. P., M. & O. Ry. Co. v. United States.* Circuit Court of Appeals. 162 Fed. 835.

Wheat growers in Washington who are members of the National Farmers Educational and Co-Operative Union which held a meeting recently in Texas declare they will study market conditions and name their own price for wheat next year. They maintain Southern cotton growers have employed their system with success.

SEND FOR FREE SAMPLE



The best bar dressing made. Increases Power. Stops Slipping.

C. E. SCANLON, Joliet, Ill. Send for Circular

Prompt and Accurate Analyses of All Grain and Feeds

Don't ship your corn until you have had it tested for per cent of moisture

The Columbus Laboratories

103 State St., Chicago

Five of the many Reasons why the

Kennedy Car Liners

Should be used

1. They prevent the Leaks.
2. Easily installed.
3. Shortage reduced to a minimum.
4. Leading dealers everywhere recommend them.
5. Trouble and delay incident to filing of shortage claims eliminated.

Cost, \$1.40 per Car

The small orders are appreciated because they always lead to larger ones.

MADE BY

Fred W. Kennedy
SHELBYVILLE INDIANA

Do You Want

The grain trade news? Then subscribe for the GRAIN DEALERS JOURNAL. Twice each month for \$1.50 per year.

"Miracle" Wheat.

A new variety of wheat, known as "Miracle" Wheat, is being introduced in the Southwest, under assurances that the yield per acre will be increased from two to three times, while the required seed will not exceed two pecks per acre.

F. Olney McCormick, of Philadelphia, is actively engaged in introducing this new variety, which is said to have been discovered by K. B. Stoner, of Fincastle, Va., in 1904. The original plant had its origin from a single grain and produced 142 straws, each of which formed a head; 67 heads contained mature grains, while the others were immature. The wheat is said to be a bearded white chaff, with red medium sized grains, semi-hard. It grows from $4\frac{1}{2}$ to 5 feet tall, the straw being large, strong, and hard.

The ability of this plant to produce a large number of heads is due to its tendency to stool out, as is illustrated in engravings given herewith. Some of the stools have measured 16 inches across. The yield of this wheat has been from 56 to 76 bus. per acre under the same field conditions of soil and culture as native varieties producing 10 to 17 bus. per acre. The general method of cultivation has been to drill in seed 12 inches apart and give it the same treatment as other wheats.

The promoters of this new variety claim that they can safely promise a yield of 30 bushels, on land which is now averaging but 15 bushels per acre.

Ass't Agriculturist H. A. Miller is credited with saying that a good stand of this wheat can be obtained by using much less than one-half the amount of seed required by other varieties and that where sown under field conditions at a rate of two pecks per acre, each plant produced 20 to 50 heads, while in the breeding plants, 50 to 100 heads were not an uncommon average. He says the weight per bushel of this wheat is 63 lbs.

Mr. Stoner has re-planted this wheat each year and kept all the seed for re-sowing, so that it is now being planted in many different sections of the country. The Agricultural Station of North Dakota is distributing 100 bus. among farmers of that state.

Mr. McCormick recently showed a representative of the Journal's readers the plants shown in engraving reproduced herewith. The small plant was pulled up last fall, just before snow fell. Above it is a larger plant, pulled from the field in April, of this year. The next stool is of a plant pulled up in June, and to the right of it, is a mature plant, pulled up at harvest time. The June and harvest plants, as shown by the tape, are fully 5 feet tall. The stubble of the big stool at the right, had 209 straws, each having a head with an average of 60 kernels. In other words, one kernel of this wheat produced 12,540 kernels.

This wheat is being distributed in Oklahoma and Kansas, where it is being planted as a winter wheat. The results will be watched with great interest by dealers who are interested in increasing the production of good wheat in their locality.

The following letter, just received from the Department of Agriculture, at Washington shows the results of its experiments with the wheat:

United States Department of Agriculture,
Bureau of Plant Industry.
Office of Chief of Bureau.
Washington, D. C., October 7, 1908.
Grain Dealers Journal,
255 La Salle Street,
Chicago, Illinois.

Gentlemen:

Your letter addressed to the Honorable

Secretary, asking if the Department has published anything relating to the "Miracle" wheat which was discovered and propagated by Mr. K. B. Stoner, of Fincastle, Va., has been received. In reply I beg to say the Department has published nothing on the subject of this wheat and has only had the opportunity of testing it with a limited quantity of seed.

From such evidence as we have at hand the wheat does not seem to be any better than some of the well known standard varieties. Following is a statement just submitted to me from one of our Agronomists, Mr. H. B. Derr, regarding the test which was made of the wheat at our experimental farm at Arlington the past season:

"The wheat was planted in rows one rod long; seed 12 inches apart in the row. This is the method said to give the best results in stooling. Sown thus, the plants produced from 8 to 25 good heads. Planted in rows 12 inches apart, and the grain approximately one inch apart in the row, the

stooling decreased to 8 to 10 heads. It is believed if the grain were sown in 8-inch drills, under ordinary conditions, the stooling would be no greater than that of the other good varieties. The wheat had 100 per cent winter survival, with excellent spring vigor. The plants were 53 inches tall, vigorous, with large long leaves. There was 50 per cent leaf rust and 50 per cent stem rust; no smut. The wheat headed May 22 and ripened June 20—seven days later than the earliest wheat, and from three to five days later than the average wheats. In yield, the rows, as compared with Fultz, the check, were as follows: Miracle wheat, lowest yield per row, 7½ ounces; highest yield, 10 ounces; Fultz, highest yield per row, 20½ ounces. This would give approximately a yield of 33 bushels for the Miracle and 66 bushels for the Fultz."

Very truly yours,

B. T. Galloway,
Chief of Bureau.



Miracle Wheat Plant Stools at Five Different Stages.

An Improved Seed Cleaner.

Most of the elevator men have more or less field seed offered them and the grain man who handles any great quantity, should see that his plant is well equipped for cleaning field seeds, especially clover seed. Seed is expensive enough when the price is low, and to have it grade as near to prime as possible means that the dealer will reap greater profits from his transaction.

We illustrate herewith a new clover seed cleaner that has recently been introduced to the trade by A. T. Ferrell & Co., of Saginaw, Mich. This machine is a medium sized cleaner, with traveling brushes on the screens, air controller, dust sack, and settling chamber. It has two stands for elevators, one fitted with a small sink hopper, from which the seed is elevated to the feed hopper of the machine; and the other takes the clean seed as it is spotted from the machine, elevates and sacks it. There is a countershaft attached to the frame of the machine, from which the machine itself and the two stands of elevators are driven.

The cleaner is unique from the fact that it requires no dust room, no countershaft and no skilled millwright to put it in operation. The only preparation necessary is to fasten the machine to the floor, attach the belt, either from line shaft or direct from engine or dynamo, and it is ready to run.

Such a machine as this will be found of

great convenience in handling the present crop, where the buyer wishes to secure a first-class outfit.

\$1,000 Indiana Corn Trophy.

At a meeting of the special agents and the commission appointed for the National Corn Exposition to be held at Omaha Dec. 9-19, 1908, a movement was started to secure funds to purchase a trophy to be awarded annually for the best ten ears of corn exhibited at the National Corn Exposition. The value of this trophy is to be, as decided upon, \$1,000.

Through the winnings of Indiana corn growers at the National Corn Exposition held at Chicago last October, and those made at other national shows, Indiana, has placed herself in the front rank of the corn states.

Already the best artists and designers of the country have been put to work on this corn trophy and it is hoped to secure one which will eclipse all trophies of the kind ever offered. It is intended that this trophy will bring much advertising and glory, not only to the state but to the corn growers. The special agents of the counties of the state have each agreed to contribute \$10.00 toward the trophy. This means that the interest in this trophy will be state wide and that it is well termed an INDIANA CORN TROPHY.

CYCLONE BLOW PIPE CO.

IMPROVED

Cyclone Dust Collectors, Automatic Furnace Feeders, Steel Plate Exhaust Fans, Exhaust and Blow Piping.

Complete systems designed, manufactured, installed and guaranteed. Old systems remodeled on modern lines on most economical plans. Supplementary systems added where present systems are outgrown. Defective systems corrected and put in proper working order.

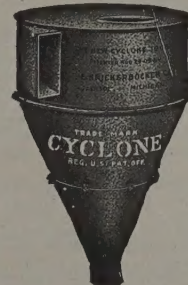
High and Low Speed Systems.

70-86 West Jackson Boul. CHICAGO, ILL.



(Patented)

"The per cent of loss saved by the '1905' over the old 'Cyclone' is from 71 1/2% to 80%. These losses are due to dust collector friction and take into consideration nothing but the Collector."—The Mechanical Engineering Dept., University of Michigan.



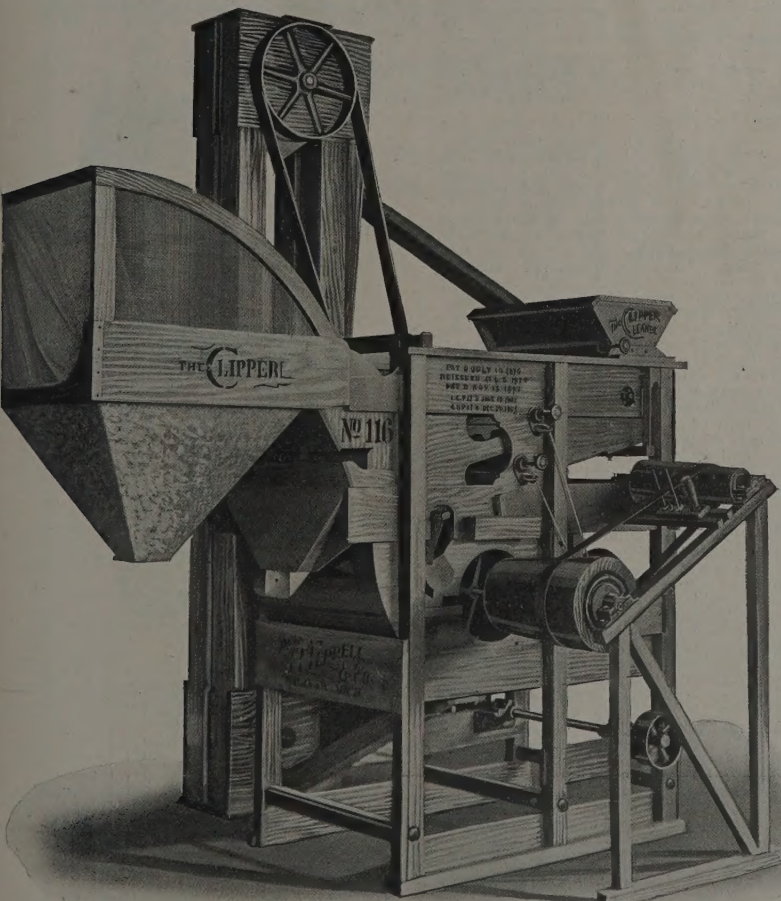
THE
"New
Cyclone
1905"

Manufactured Exclusively by

The Knickerbocker Co.
JACKSON, MICH.

A PARTNER

HELP or a POSITION, can be obtained quickly by placing an ad. in the "Wanted" columns of the Grain Dealers Journal of Chicago. It is the grain-trade's accepted medium for "wanted" and "for sale" ads.



The Grain Dealer at the National Corn Exposition.

BY J. WILKES JONES.

The individual grain dealer and the grain dealers' associations have been a very great help in the campaign to improve conditions with our corn crop, and this improvement which received its greatest impetus through the seed corn special trains, aided by the Agricultural Colleges has done much to stimulate a desire on the part of the grower to secure a better stand of corn and to select a type or variety that would give a larger yield per acre.

Scarcely More than Begun: While this movement has accomplished a great deal for the betterment of agriculture generally, the work has scarcely more than started. Many of the corn growers have gotten a mistaken idea and conclude that it is the largest ear of corn that would give the largest yield; therefore many have planted a type of corn quite too large for safe maturity in their respective districts. The result has been that a great deal of immature and chaffy corn has gone on to the market. This, however, will be corrected reasonably soon.

A Bit of History: The Chicago Board of Trade sampled in and sold upon its exchange a total of 7,978 cars of corn during the month of June; 4,332 cars or 54%—more than one-half of all of the corn marketed during the month of June—was "low grade" corn. Only 772 cars, or less than 10%, was good enough to grade No. 2. This is a severe indictment that agriculture must face.

A Terrible Cost: The market ranged from 52c to 73c per bushel during a single day, and the quality of the corn probably justified the range. The farmer reads the markets and naturally wonders why there is such a wide margin between the top market quotations and the price that he is expected to sell for. He discovers that it is not merely cost of freight plus two cents per bushel, and no matter how good his crop may be the bidding is usually on a basis of "three or better" which does not explain to him in a satisfactory manner. Neither does the grain dealer always fully understand. Discontent often breeds rebellion. Ill-advised rebellion frequently grows into regulation through legislation.

Is Agriculture Entirely Responsible? As we study these conditions, the producer is likely to inquire, "are the growers entirely responsible for this condition?" "What can the shipper do?" "What can the grain exchanges do?"

An Opportunity to Get Together: The stock feeder has the privilege of going into the stock yards with his car of finished cattle, hogs and sheep to study the market demands with the commission man and the buyer will tell him why. The packing house interests arrange demonstrations and shows that one type of animal will "dress out" five to ten per cent more meat on the block than another animal. The butcher explains where the porterhouse and other high-priced cuts are taken from the carcass and explains the value of a nicely marbled cut that brings double the price at retail than some other cuts do. The feeder determines that his next car will be the "porterhouse" brand that will top the market. The vast improvement in livestock during the last 20 years is an important chapter of economic annual husbandry history.

The grain grower and rarely ever the grain shipper avails himself of such privileges in marketing grain, and there has been a missing link or connection between the producer and the distributor and the manufacturer of our surplus millions of bushels. The grain grower ought to know more about the type of oat that will give him a relatively larger amount of meat and less hull—a milling problem with the cereal miller which counts between profit and loss. The wheat grower of the Northwest ought to know why the Velvet Chaff type of wheat which gives him a much larger yield than he can hope to get with the Bluestem, will bring from ten to twelve cents a bushel less on the market.

The miller will explain that one type or grade of wheat will yield a much larger per cent of flour per bushel, and the chemist would explain that the chief difference is in the relative amount and quality of the carbohydrates, gluten, moisture, etc., but the grain grower has had but little opportunity to apply correctional methods and the Experiment Stations have had so many things claiming their attention that they have been unable to accomplish all the things they desire.

The Penalty of Wrong Impression: Many corn growers feel that the Board of Trade and the grain exchanges are gigantic gambling institutions, and it is not uncommon to find men who entertain the thought that the Board of Trade fixes the market price for their surplus grain. The Board of Trade does not buy or sell, neither does it fix the price of any commodity sold upon its exchange.

Buying and Selling: Most people do not know that each car is sampled in and sold upon its individual merits, the quality determining the market price, governed of course by the law of supply and demand which is always a factor in the world's markets.

We Must All Keep "Stepping Ahead": The grain dealer must know whether the grain that he is buying is good enough to top the market or whether it is No. 3 or low grade. Some of the grain growers are wondering how long all corn will be sold upon a basis of "three or better." We need to have opportunity to bring these several interests together and study each other's problems and correct conditions that are causing unrest among the producer and eliminate all grounds for suspicion that our grain markets are gambling institutions. We are not going to admit that legislation or regulation is needed. A well planned educational campaign in a "do something way" is what we need. The National Corn Exposition affords a splendid opportunity for this very work.

Oats Degenerated: The oat crop has been sadly neglected. Every grain grower, grain dealer and receiver upon the grain exchanges knows something of the enormous cost that the 1907 and 1908 oat crop means. The writer recently attended the State Fair in one of the leading oat states and found that a pacing race purse offered \$1,500, while \$5.00 all told was offered for the oat exhibits. According to the estimate of the State Board of Agriculture, a body of men who are supposed to stand for advanced agriculture, in the leading oat producing state in the Union, would according to this bit of history (which is in common with nearly all state and county fair organizations) conclude that the winning of a pacing race was 300 times as important as the improvement of the oat crop, and that too in the face of the fact that one of the largest cereal mills in the world located within that state was closed for a period of several weeks during the past year because the millers were unable to purchase a quality of oats, even at a high price, that they could profitably mill.

An Economic Subject: Hunger is the advance guard of anarchy. When the yield of wheat, corn and oats is "off," the price of flour, which means bread, and the cereal foods range higher, and many homes feel the pangs of hunger—sometimes in a distressing way. Larger yields and better quality of grain mean more profitable crops and a moderate price for bread. The National Corn Exposition, which will be held in Omaha December 9th to 19th, will aid the grain grower to produce a crop giving the largest possible yield and a quality of grain that can be more profitably made into bread and other cereal foods. Most of us love to see a good clean race, but we are not willing to admit that it is right and proper for the grain growers longer to lend themselves giving respectability to street fairs, county fairs, state fairs and other institutions which are supposed to represent the agricultural interests, and receive the niggardly appropriations and indifferent attention that has been accorded to the grain crops in the past.

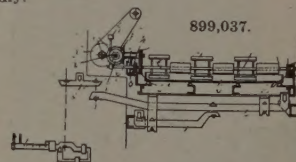
Something of a definite, helpful character needs to be done. It ought to be done without farther delay. The \$50,000 premium list at the National Corn Exposition will accomplish a great deal, but not everything that is desired. Earnest, enthusiastic, personal work counts for most.

Patents Granted

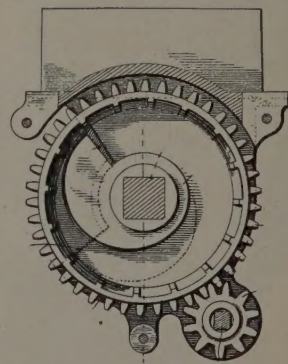
Malt Weigher and Drier. No. 899,037. (See cut.) Jos. Elsner, Berlin, and Curt Guttwein, Aschersleben, Germany. The apparatus comprises a weighing machine, a malt receptacle carried by the weighing machine, a traveling rotary agitator in the receptacle and means for driving the agitator.

Grain Feed Regulator. No. 899,711. (See cut.) Harrison B. Bozard, Lincoln, Neb. In a suitable casing is journaled a feed wheel having a chamber in its side forming a seed-engaging rim. Concentric with the feed wheel is a rotatably adjustable regulator provided with a hub. From the rounded surface on the hub starts the eccentric seed engaging surface.

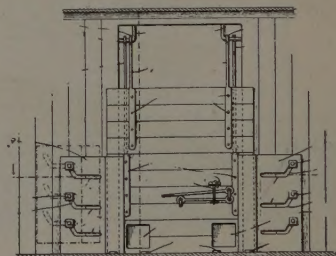
Car Door. No. 899,389. (See cut.) John M. Etiman, Mapleton, N. D. The door is in two sections having supporting bars pivotally connected at opposite ends. The doors swing upwardly, and inwardly on brackets. Laterally sliding plates are provided with horizontal slots, bolts in the slots permitting the plate to move laterally away from the lower section and upwardly.



899,711.



899,389.



Fire Insurance Companies

ORGANIZED 1883

The Western Millers Mutual Fire Insurance Company

KANSAS CITY, MO.

CHAS. H. RIDGWAY, Secretary

SAFE INDEMNITY

Flour Mills, Elevators, Warehouses and
contents.

MILLERS' NATIONAL INSURANCE COMPANY

205 La Salle St., CHICAGO, ILL.
Chartered 1865

Insurance with a maximum of security at a
minimum of cost for ELEVATORS, WARE-
HOUSES and CONTENTS on the Mutual
Plan.

Five Year Policies (or short term policies on
grain, if required.)

Semi-Annual Assessments costing about
one-half Stock Company rates.
NO conflagration hazard.

Gross Assets, - - \$4,937,625.96
Net Cash Surplus - 883,105.27

Millers Mutual Fire Insurance Association of Illinois

ALTON :: ILLINOIS

Wrote \$9,897,311.23 Insurance last year
Paid \$116,523.11 in losses last year
Added \$20,545.98 to surplus last year
Assessed only 40% of basis rates last year

If you want the best of Insurance
at the lowest cost, write to us.

Insurance in force - \$13,551,441.39
Face value of notes - 1,701,351.80
Cash Assets - - - 336,038.85

GEO. POSTEL, Prest.
A. R. McKINNEY, Sec.

Chicago Agent:
M. W. FUGIT, 740 National Life Building.

THE OLD RELIABLE



INSURES ELEVATORS
AND GRAIN

PERMANENT OR
SHORT TERM POLICIES



The Policyholder

has to go into his pocket to
pay for fire insurance, but
only about one-half as far
when he is insured in the



Where well built, well cared for and
profitable elevators are insured by
themselves to pay their own losses
only the cost is much lower. This
is only one of the reasons why so
many country elevators are insured
with us and why you should write
for particulars to

C. A. McCotter, Sec'y

Mill Owners' Mutual Fire Insurance Co.

Des Moines, Iowa

Organized 1873

INSURES MILLS, ELEVATORS,
WAREHOUSES and CONTENTS

Net Cash Assets - - - - - \$ 266,243.81
Losses Paid - - - - - 1,339,403.60
Saved to Policy Holders - - - - - 1,752,149.12

J. G. SHARP, Secretary

ESTABLISHED 1889

Indiana Millers Mutual Fire Insurance Company

OF INDIANAPOLIS, IND.

MILLS AND ELEVATORS ONLY

Purely Mutual

E. E. PERRY, Secretary

Grain Shippers' Mutual Fire Insurance Association

IDA GROVE - - IOWA

Risks in force	\$6,927,000.00	Dividends on the basis of
Admitted assets, Dec. 30, 1907	50,197.76	80% cost.
Total liabilities	4,735.00	We write Fire, Lightning
Net assets, Dec. 30, 1907	\$45,462.76	and Tornado Insurance for
		the Grain Trade.

F. D. BABCOCK, Secretary

GRAIN STORAGE RECEIPTS for keeping a record of
grain stored. 50 tickets,
printed on bond paper 10 1/2 x 3 1/2 in., in each book. Order form No. 4. Price 50 Cents.
GRAIN DEALERS JOURNAL, - - - 255 La Salle Street, CHICAGO

ELEVATORS WANTED

To get in direct communication with would-be buyers of grain elevators reply to ads
in the "Elevators Wanted" columns of the GRAIN DEALERS JOURNAL.

For Sale



For particulars see the "Elevators for Sale" columns of the Grain Dealers Journal, Chicago

Those looking for elevator properties invariably consult its "Elevators for Sale" columns. If your elevator is for sale, make the fact known to the entire trade, put your For Sale sign in the "Elevators for Sale" columns, then you can be sure of selling quickly at a good price, and pay no commission on sale. If you do not wish neighbors to know your elevator is for sale, you can have replies come in our care and we will forward them daily without extra charge.

The cost for advertising is 15c per line

Webster Machinery

For Grain Elevators
And Flour Mills



Spiral and Belt Conveyors
"Acme" Elevator Buckets
Chain Belting
Friction Clutches
Shafting, Pulleys, Hangers

Webster M'f'g Co.

1075-1111 West 15th St., CHICAGO

EASTERN BRANCHES:

55-90 Reade St., New York

Pennsylvania Bldg., Philadelphia



Day Dust Collectors

handle the dust at the smallest cost because it takes less power to operate them.

Send for full particulars.

THE DAY COMPANY, 1132 Yale Place,
Successor to H. L. Day MINNEAPOLIS, MINNESOTA

FOR the best of satisfaction
consign your Grain to
S. C. Bartlett Co., Peoria, Ill.

The Northwestern Consolidated Milling Co.

Of Minneapolis

has recently placed an order for Three Fifty Horse Power

EVANS PATENT MOTOR ATTACHMENTS

with reducing gear for their new fire-proof milling elevator at a cost of \$1,500.00. Why? Because they expect to save this in repairs.

SCOTT F. EVANS, Minneapolis

FRICTION CLUTCHES

not only cut out running idle machines but cut out much of the expense in operating your plant. The Weller Friction Clutch is positive, safe and a power saver.



For full particulars about this clutch as well as our complete line of elevator machinery can be obtained from our catalog. A postal will bring it.

Weller Mfg. Co., Chicago, Ill.